M3-1(86)-3

CURRENT INDUSTRIAL REPORTS

Manufacturers' Shipments, Inventories, and Orders

MARCH 1986

M3-1(86)-3

U.S. Department of Commerce
BUREAU OF THE CENSUS

For Wire Transmission 10:00a.m. E.D.T. Wednesday, April 30, 1986

(All Figures in text are in seasonally adjusted current dollars)

AUG 6 1986

U. S. GOVT. PUBS.
DEPOSITORY

SUMMARY. New orders for manufactured goods in March declined $4.7 billion or 2.3 percent from February to $194.2 billion. This is the largest 1-month decline since the 3.3 percent decrease in April 1984. Excluding a large increase in orders for defense capital goods of 45 percent, orders for March were down 4.1 percent.

Shipments in March were down $4.7 billion or 2.4 percent to $191.9 billion, the largest 1-month decline since the 2.8 percent decrease in October 1982. The durable goods sector in March declined 2.5 percent while nondurables declined 2.3 percent.

Unfilled orders in March increased $2.3 billion or 0.6 percent to $370.8 billion, mostly due to an increase in defense orders; excluding defense, unfilled orders declined 0.5 percent.

Manufacturers' inventories in March were $279.4 billion, about the same as February. Most industries showed little change except those producing defense capital goods, which as a group increased 3.0 percent. The inventory to shipments ratio for March rose to 1.46 from 1.42 in February, due to the decline in shipments.

NEW ORDERS. The 2.3 percent decline in March new orders resulted from decreases of 2.1 percent in durables and 2.7 percent in nondurables. Within durable goods, large decreases in most industries were partially offset by increases for defense orders in electrical machinery and transportation equipment. Primary metals declined $0.9 billion or 8.7 percent to $9.7 billion, fabricated metals were down $1.0 billion or 7.1 percent to $13.3 billion, and nonelectrical machinery was down $1.4 billion or 7.8 percent to $17.1 billion. Transportation equipment was flat at $28.5 billion as a large decline in motor vehicles and parts was offset by an increase in defense shipbuilding. Electrical machinery was up $1.3 billion or 8.5 percent, mostly due to an increase in defense communication equipment.

The decline in nondurables of 2.7 percent followed a 2.1 percent decline in February. The declines in March were primarily in the petroleum and chemical industries, while the February decline was nearly all in petroleum; for these industries new orders are considered equal to shipments within the month.

SHIPMENTS. The decline in durable goods shipments of 2.5 percent was the largest since a 3.7 percent drop in October 1982. Virtually all of the March decline resulted from a decrease in motor vehicles and parts, down $2.4 billion or 12.8 percent to $16.1 billion. Smaller declines were reported in several other major industries, although both electrical and nonelectrical machinery shipments increased; electrical was up 2.5 percent and nonelectrical 3.0 percent.

The decline in nondurable goods was caused mostly by sharp decreases in petroleum products, down $1.2 billion or 8.6 percent and chemicals, down $1.0 billion or 5.7 percent. Petroleum also declined in February $1.8 billion or 11.3 percent.

UNFILLED ORDERS. Unfilled orders for durable goods increased $2.4 billion or 0.7 percent to $360.0 billion. Transportation equipment increased $3.4 billion or 2.2 percent to $160.5 billion; defense shipbuilding and commercial aircraft and parts caused the increase. Electrical machinery was up $0.8 billion or 1.0 percent to $83.6 billion as a result of an increase in defense communication equipment. Nonelectrical machinery, fabricated metals, and instruments and related products had the largest declines.

INVENTORIES. Inventories in the durable goods sector increased in March $0.6 billion or 0.3 percent to $188.2 billion, as a result of increases by defense contractors; excluding defense, durable goods inventories showed a slight decline from February. Nondurable goods inventories were down $0.4 billion or 0.5 percent to $91.2 billion, mostly due to a $0.6 billion or 8.7 percent decrease in the petroleum products industry.

Inventories by stage of fabrication showed a decline in materials and supplies of 0.7 percent, an increase in work in process of 0.8 percent and virtually no change in finished goods. The increase in work in process inventories was in durable goods and was influenced by increases by defense contractors; work in process in the nondurable sector declined 2.2 percent.

SCHEDULED RELEASE DATES. The advance report on durable goods for April is scheduled for release on May 22, 1986 at 8:30 a.m. and the full report on June 2, 1986 at 10:00 a.m.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Ruth Runyan or Kathleen Menth, (301) 763-2502.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. This press release is also available on the date of issue through the Census Bureau's online information service-CENDATA™. The online version of the report can be read from a terminal screen, printed on- or off-line, or copied to a computer file for future use. CENDATA is available from Dialog Information Services, Inc. (800/334-2564). Further information about accessing CENDATA can be obtained from Dialog. The CENDATA Staff at the Bureau of the Census (301/763-2074) can provide content information and general guidance, or write for a brochure to CENDATA, DUSD, Bureau of the Census, Washington, DC 20233.

C3.158:

READEX FICHE best copy available

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]					
		Monthly				Percent change			Monthly				Year to date	
		Mar. 1986[P]	Feb. 1986[r]	Jan. 1986	Dec. 1985	Feb.-Mar.[P]	Jan.-Feb.[r]	Dec.-Jan.	Mar. 1986[P]	Feb. 1986[r]	Jan. 1986	Dec. 1985	1986[P]	1985
	All manufacturing industries	191,876	196,572	198,960	199,084	-2.4	-1.2	-0.1	201,409	196,953	182,381	192,213	580,743	572,263
	Manufacturing industries with unfilled orders	106,698	107,736	106,913	109,183	-1.0	+0.8	-2.1	112,634	108,057	96,862	107,354	317,553	308,606
	Durable goods industries	103,223	105,843	105,874	105,777	-2.5	0.0	+0.1	110,296	106,013	95,096	101,517	311,405	302,745
	With unfilled orders	84,729	85,958	84,818	87,465	-1.4	+1.3	-3.0	90,122	86,125	76,169	86,220	252,416	246,654
32 *	Stone, clay, and glass products	4,747	4,901	5,209	4,773	-3.1	-5.9	+9.1	4,802	4,563	4,409	4,162	13,774	13,131
322 *	Glass containers	400	442	423	369	-9.5	+4.5	+14.6	430	412	383	313	1,225	1,145
33	Primary metals	9,835	10,159	10,119	10,263	-3.2	+0.4	-1.4	10,692	10,509	9,815	9,187	31,016	31,868
331	Blast furnaces, steel mills	3,908	4,173	4,246	4,326	-6.4	-1.7	-1.8	4,279	4,369	4,153	3,945	12,801	13,343
333-9	Nonferrous and other primary metals	4,782	4,736	4,636	4,763	+1.0	+2.2	-2.7	5,174	4,873	4,488	4,277	14,535	14,860
34	Fabricated metal products	13,920	14,300	14,466	14,232	-2.7	-1.1	+1.6	14,562	14,116	12,777	13,182	41,455	39,097
341	Metal cans, barrels, and drums	849	870	926	935	-2.4	-6.0	-1.0	843	846	785	776	2,474	2,599
35	Machinery, except electrical	17,754	17,237	17,007	17,622	+3.0	+1.4	-3.5	19,221	17,369	15,048	18,904	51,638	51,823
351	Engines and turbines	1,396	1,177	1,103	1,490	+18.6	+6.7	-26.0	1,596	1,230	1,062	1,459	3,888	3,827
352	Farm machinery and equipment	844	755	929	849	+11.8	-18.7	+9.4	990	781	832	746	2,603	2,472
353	Construction, mining, and material handling equipment	3,418	3,206	3,293	2,863	+6.6	-2.6	+15.0	3,418	3,286	2,944	2,877	9,648	7,935
354	Metalworking machinery	909	866	822	984	+5.0	+5.4	-16.5	998	895	739	1,005	2,632	2,540
356	General industrial machinery	1,467	1,442	1,506	1,420	+1.7	-4.2	+6.1	1,526	1,478	1,390	1,485	4,394	4,155
357	Office and computing machines	4,103	3,675	3,443	4,400	+11.6	+6.7	-21.8	4,558	3,410	2,579	6,098	10,547	12,831
36	Electrical machinery	16,214	15,819	14,841	16,338	+2.5	+6.6	-9.2	17,054	15,887	13,614	16,237	46,555	45,197
361,2	Electrical transmission and distribution equipment and industrial apparatus	2,249	2,066	2,006	2,044	+8.9	+3.0	-1.9	2,441	2,118	1,867	2,095	6,426	6,013
363	Household appliances	1,359	1,340	1,476	1,500	+1.4	-9.2	-1.6	1,424	1,343	1,284	1,305	4,051	4,134
365	Radio and TV	1,063	1,014	1,017	1,036	+4.8	-0.3	-1.8	1,075	973	898	990	2,946	2,713
366	Communication equipment	5,503	5,427	4,728	5,860	+1.4	+14.8	-19.3	5,903	5,365	4,292	6,188	15,560	14,915
367	Electronic components	3,432	3,263	3,100	3,077	+5.2	+5.3	+0.7	3,538	3,341	2,902	2,883	9,781	10,240
37	Transportation equipment	25,039	27,962	28,520	27,931	-10.5	-2.0	+2.1	27,543	28,381	25,861	25,930	81,785	78,687
371	Motor vehicles and parts	16,106	18,461	19,448	17,428	-12.8	-5.1	+11.6	17,872	18,891	18,180	14,177	54,943	53,034
372,6	Aircraft, missiles, and parts	7,679	7,942	7,620	9,043	-5.8	+4.2	-15.7	8,015	7,843	6,346	10,278	22,204	20,572
3731,95	Shipbuilding and military tank vehicles	690	715	671	753	-3.5	+6.6	-10.9	720	717	595	830	2,032	2,507
38	Instruments and related products	4,620	4,696	4,842	4,908	-1.6	-3.0	-1.3	4,863	4,556	4,383	5,068	13,802	13,690
381-4	Scientific and engineering instruments	2,999	3,047	3,145	3,252	-1.6	-3.1	-3.3	3,224	3,007	2,978	3,424	9,209	9,122
386	Photographic goods	1,458	1,463	1,496	1,471	-0.3	-2.2	+1.7	1,459	1,365	1,243	1,496	4,067	4,028
24,25, 39	All other durable goods	11,094	10,769	10,870	9,710	+3.0	-0.9	+11.9	11,559	10,632	9,189	8,847	31,380	29,252
	Nondurable goods industries	88,653	90,729	93,086	93,307	-2.3	-2.5	-0.2	91,113	90,940	87,285	90,696	269,338	269,518
	With unfilled orders	21,969	21,778	22,095	21,718	+0.9	-1.4	+1.7	22,512	21,932	20,693	21,134	65,137	61,952
20	Food and kindred products	24,733	24,933	25,817	24,732	-0.8	-3.4	+4.4	25,621	25,008	23,672	24,559	74,301	73,725
201	Meat products	5,365	5,459	5,524	5,510	-1.7	-1.2	+0.3	5,290	5,350	5,309	5,615	15,949	16,930
208	Beverages	3,866	3,846	4,135	3,792	+0.5	-7.0	+9.0	3,839	3,592	3,449	3,299	10,880	10,209
207	Fats and oils	1,043	1,126	1,057	1,077	-7.4	+6.5	-1.9	1,068	1,123	1,084	1,086	3,275	3,413
203-6,9	All other foods	11,183	11,317	11,841	11,176	-1.2	-4.4	+6.0	12,122	11,758	10,775	11,500	34,655	33,640
21	Tobacco products	2,204	1,800	1,089	2,117	+22.4	+65.3	-48.6	2,116	1,627	990	2,274	4,733	4,530
22	Textile mill products	4,511	4,452	4,551	4,494	+1.3	-2.2	+1.3	4,948	4,443	3,959	4,220	13,350	12,650
26	Paper and allied products	8,472	8,637	8,687	8,390	-1.9	-0.6	+3.5	8,829	8,906	8,422	7,851	26,157	24,594
261-3,6	Pulp, paper etc	3,589	3,617	3,688	3,574	-0.8	-1.9	+3.2	3,772	3,728	3,497	3,357	10,997	10,631
265	Paperboard containers	1,731	1,805	1,850	1,727	-4.1	-2.4	+7.1	1,807	1,834	1,767	1,553	5,408	5,584
264	All other paper products	3,152	3,215	3,149	3,089	-2.0	+2.1	+1.9	3,250	3,344	3,158	2,941	9,752	8,379
28	Chemicals and allied products	17,149	18,185	18,403	17,994	-5.7	-1.2	+2.3	18,642	18,403	17,496	17,498	54,541	54,141
281,6	Industrial chemicals, except pigments	5,745	5,915	5,961	6,205	-2.9	-0.8	-3.9	6,228	6,146	5,627	6,056	18,001	17,982
283,4	Drugs, soaps, and toiletries	4,796	5,233	5,315	4,874	-8.4	-1.5	+9.0	5,093	5,160	5,065	4,996	15,318	13,904
29	Petroleum and coal products	12,754	13,955	15,729	16,728	-8.6	-11.3	-6.0	12,277	13,721	15,578	16,960	41,576	45,907
30	Rubber and plastics products	3,870	4,005	4,049	4,020	-3.4	-1.1	+0.7	3,875	3,976	3,731	3,574	11,582	12,156
23,27, 31	All other nondurable goods	14,960	14,762	14,761	14,832	+1.3	0.0	-0.5	14,805	14,856	13,437	13,760	43,098	41,815
	Market categories:													
	Home goods and apparel	13,613	13,551	13,464	13,315	+0.5	+0.6	+1.1	14,159	13,748	11,526	11,211	39,431	37,912
	Consumer staples	35,804	35,870	36,173	35,666	-0.2	-0.8	+1.4	36,730	35,554	33,199	35,873	105,483	102,161
	Equipment and defense products, except automotive	30,898	30,091	29,114	31,906	+2.7	+3.4	-8.8	33,055	29,800	25,435	35,168	88,290	86,615
	Automotive equipment	17,818	20,287	21,459	19,291	-12.2	-5.5	+11.2	19,759	20,676	19,938	15,720	60,373	58,749
	Construction materials, supplies and intermediate products	17,967	17,679	18,170	16,640	+1.6	-2.7	+9.2	18,204	16,892	15,155	15,337	50,051	46,164
	Other materials, supplies, and intermediate products	75,776	79,094	80,580	82,266	-4.2	-1.8	-2.0	79,502	80,483	77,130	78,904	237,115	240,662
	Supplementary series:[2]													
	Capital goods industries	34,803	34,443	32,628	36,573	+1.0	+5.6	-10.8	37,252	34,361	28,705	39,896	100,318	97,602
	Nondefense	27,729	26,862	25,595	28,630	+3.2	+5.0	-10.6	29,793	26,838	22,488	31,329	79,119	78,222
	Defense	7,074	7,581	7,033	7,943	-6.7	+7.8	-11.5	7,459	7,523	6,217	8,567	21,199	19,380
	Household durable goods industries	6,850	6,720	6,720	6,519	+1.9	0.0	+3.1	7,261	6,699	5,699	5,845	19,659	18,660

See footnotes at end of table 2.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]					
		Monthly				Percent change			Monthly				Year to date	
		Mar. 1986[P]	Feb. 1986[r]	Jan. 1986	Dec. 1985	Feb.- Mar.[P]	Jan.- Feb.[r]	Dec.- Jan.	Mar. 1986[P]	Feb. 1986[r]	Jan. 1986	Dec. 1985	1986[P]	1985
	All manufacturing industries	194,165	198,833	201,399	201,213	-2.3	-1.3	+0.1	207,070	201,637	188,728	198,395	597,435	583,097
	Manufacturing industries with unfilled orders	108,987	109,997	109,352	111,312	-0.9	+0.6	-1.8	118,295	112,741	103,209	113,536	334,245	319,439
	Durable goods industries	105,588	107,819	108,459	107,531	-2.1	-0.6	+0.9	115,947	110,437	101,273	107,294	327,657	313,364
	With unfilled orders	87,094	87,934	87,403	89,219	-1.0	+0.6	-2.0	95,773	90,549	82,346	91,997	268,668	257,273
32	Stone, clay, and glass products	4,802	4,946	5,214	4,962	-2.9	-5.1	+5.1	4,879	4,703	4,486	4,314	14,068	13,337
33	Primary metals	9,689	10,614	10,596	10,059	-8.7	+0.2	+5.3	10,937	11,693	11,243	9,293	33,873	33,714
331	Blast furnaces, steel mills	4,014	4,516	4,228	4,085	-11.1	+6.8	+3.5	4,680	5,129	4,622	3,928	14,431	14,763
333-9	Nonferrous and other primary metals	4,482	4,825	4,994	4,876	-7.1	-3.4	+2.4	4,968	5,248	5,209	4,447	15,425	15,118
34	Fabricated metal products	13,260	14,274	14,326	14,146	-7.1	-0.4	+1.3	14,299	14,339	12,720	13,164	41,358	39,512
35	Machinery, except electrical	17,112	18,551	15,868	16,195	-7.8	+16.9	-2.0	18,573	18,764	14,549	17,508	51,886	54,866
351	Engines and turbines	1,069	1,383	1,314	1,673	-22.7	+5.3	-21.5	1,276	1,497	1,051	1,474	3,824	3,349
353	Construction, mining, and material handling equipment	3,263	3,051	3,168	2,945	+6.9	-3.7	+7.6	3,284	3,180	2,933	2,939	9,397	8,126
354	Metalworking machinery	904	799	848	633	+13.1	-5.8	+34.0	962	836	749	580	2,547	2,884
356	General industrial machinery	1,433	1,430	1,419	1,348	+0.2	+0.8	+5.3	1,484	1,508	1,389	1,366	4,381	4,154
357	Office and computing machines	4,009	5,014	2,262	2,938	-20.0	+121.7	-23.0	4,426	4,535	1,764	4,976	10,725	15,487
36	Electrical machinery	17,043	15,704	15,346	16,297	+8.5	+2.3	-5.8	18,436	16,672	14,824	16,680	49,932	50,041
361,2	Electrical transmission and distribution equipment and industrial apparatus	2,165	1,941	2,162	2,013	+11.5	-10.2	+7.4	2,385	2,103	2,013	2,042	6,501	6,201
363	Household appliances	1,336	1,291	1,465	1,451	+3.5	-11.9	+1.0	1,424	1,279	1,332	1,276	4,035	4,136
365	Radio and TV	1,174	921	975	868	+27.5	-5.5	+12.3	1,060	992	847	906	2,899	2,752
366	Communication equipment	6,229	5,745	5,528	5,218	+8.4	+3.9	+5.9	7,152	6,117	5,527	6,092	18,796	20,030
367	Electronic components	3,517	3,071	2,732	3,927	+14.5	+12.4	-30.4	3,735	3,391	2,738	3,614	9,864	9,795
37	Transportation equipment	28,488	28,458	31,002	31,031	+0.1	-8.2	-0.1	32,509	29,122	29,332	32,537	90,963	78,068
372,6	Aircraft, missiles, and parts	8,246	8,720	10,928	12,961	-5.4	-20.2	-15.7	10,512	8,709	10,249	17,398	29,470	20,837
3731,95	Shipbuilding and military tank vehicles	3,062	239	-146	275	+1181.2	(n)	-153.1	2,983	459	-24	435	3,418	1,511
38	Instruments and related products	4,353	4,606	4,930	5,010	-5.5	-6.6	-1.6	4,677	4,500	4,549	5,146	13,726	13,829
24,25, 39	All other durable goods	10,841	10,666	11,177	9,831	+1.6	-4.6	+13.7	11,637	10,644	9,570	8,652	31,851	30,017
	Nondurable goods industries	88,577	91,014	92,940	93,682	-2.7	-2.1	-0.8	91,123	91,200	87,455	91,101	269,778	269,733
	With unfilled orders	21,893	22,063	21,949	22,093	-0.8	+0.5	-0.7	22,522	22,192	20,863	21,539	65,577	62,166
	Market categories:													
	Home goods and apparel	13,618	13,549	13,943	13,151	+0.5	-2.8	+6.0	14,397	13,924	12,029	10,980	40,350	38,769
	Consumer staples	35,897	35,916	36,132	35,676	-0.1	-0.6	+1.3	36,790	35,586	33,252	35,883	105,608	102,201
	Equipment and defense products, except automotive	33,351	30,242	30,117	33,690	+10.3	+0.4	-10.6	37,038	30,854	28,685	39,793	96,577	93,617
	Automotive equipment	18,120	20,512	21,482	18,939	-11.7	-4.5	+13.4	19,928	20,848	20,124	15,619	60,900	58,849
	Construction materials, supplies and intermediate products	17,461	17,869	18,220	16,838	-2.3	-1.9	+8.2	18,054	17,122	15,244	15,335	50,420	46,767
	Other materials, supplies, and intermediate products	75,718	80,745	81,505	82,919	-6.2	-0.9	-1.7	80,863	83,323	79,394	80,785	243,580	242,894
	Supplementary series:[2]													
	Capital goods industries	37,855	36,111	34,903	37,718	+4.8	+3.5	-7.5	42,522	36,983	32,834	44,962	112,339	105,367
	Nondefense	27,409	28,911	24,553	30,566	-5.2	+17.7	-19.7	30,096	28,598	23,016	32,606	81,710	81,059
	Defense	10,446	7,200	10,350	7,152	+45.1	-30.4	+44.7	12,426	8,385	9,818	12,336	30,629	24,288
	Household durable goods industries	6,835	6,639	7,139	6,328	+3.0	-7.0	+12.8	7,458	6,836	6,155	5,590	20,449	19,475

[P]Preliminary. [r]Revised. (n) When new orders for a prior month are negative because of cancellations, the percentage change calculation is algebraically negative, even though there is a net dollar increase from the prior month to the current month. Using absolute values the percent increase in new orders for shipbuilding and military tank vehicles in February was 266.0 percent.

[1]Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

[2]The supplementary series are regroupings of the separate industry categories: Household durable goods industries includes household furniture; kitchen articles and pottery; cutlery, hand tools, and hardware; household appliances, radio and TV, ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Nondefense capital goods include machinery, except electrical (excluding farm machinery and equipment and machine shops); electrical machinery (excluding household appliances, radio and TV, and electronic components); railroad equipment; and the nondefense portions of ordnance; communication equipment; aircraft and aircraft parts; and shipbuilding, converting and repairing.

Defense capital goods include ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding converting and repairing. The defense data are comparable to those published annually in the MA-175, Shipments to Federal Government Agencies.

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		Mar. 1986[P]	Feb. 1986[r]	Jan. 1986	Dec. 1985	Feb.-Mar.[P]	Jan.-Feb.[r]	Dec.-Jan.	Mar. 1986[P]	Feb. 1986[r]	Jan. 1986	Dec. 1985	Mar. 1985
	All manufacturing industries..	370,798	368,509	366,248	363,809	+0.6	+0.6	+0.7	378,052	372,391	367,707	361,360	363,772
	Durable goods industries.....	359,962	357,597	355,621	353,036	+0.7	+0.6	+0.7	367,143	361,492	357,068	350,891	353,645
32	Stone, clay, and glass products...	2,880	2,825	2,780	2,775	+1.9	+1.6	+0.2	2,927	2,850	2,710	2,633	2,603
33	Primary metals.....	20,533	20,679	20,224	19,747	-0.7	+2.2	+2.4	21,987	21,742	20,558	19,130	20,350
331	Blast furnaces, steel mills.....	9,622	9,516	9,173	9,191	+1.1	+3.7	-0.2	10,536	10,135	9,375	8,906	9,822
333-9	Nonferrous and other primary metals.....	7,211	7,511	7,422	7,064	-4.0	+1.2	+5.1	7,636	7,842	7,467	6,746	7,374
34	Fabricated metal products.....	19,588	20,248	20,274	20,414	-3.3	-0.1	-0.7	19,860	20,123	19,900	19,957	21,597
35	Machinery, except electrical.....	58,940	59,582	58,268	59,407	-1.1	+2.3	-1.9	59,301	59,949	58,554	59,053	64,016
351	Engines and turbines.....	15,002	15,329	15,123	14,912	-2.1	+1.4	+1.4	14,963	15,283	15,016	15,027	14,685
353	Construction, mining, and material handling equipment....	5,965	6,120	6,275	6,400	-2.5	-2.5	-2.0	6,066	6,200	6,306	6,317	6,084
354	Metalworking machinery.....	3,855	3,860	3,927	3,901	-0.1	-1.7	+0.7	3,793	3,829	3,888	3,878	3,987
356	General industrial machinery....	4,192	4,226	4,238	4,325	-0.8	-0.3	-2.0	4,230	4,272	4,242	4,243	4,660
357	Office and computing machines...	19,106	19,200	17,861	19,042	-0.5	+7.5	-6.2	19,068	19,200	18,075	18,890	22,925
36	Electrical machinery.....	83,558	82,729	82,844	82,339	+1.0	-0.1	+0.6	84,818	83,436	82,651	81,441	82,757
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	5,753	5,837	5,962	5,806	-1.4	-2.1	+2.7	5,816	5,872	5,887	5,741	6,369
363	Household appliances.....	329	352	401	412	-6.5	-12.2	-2.7	341	341	405	357	365
365	Radio and TV.....	476	365	458	500	+30.4	-20.3	-8.4	391	406	387	438	474
366	Communication equipment.....	59,562	58,836	58,518	57,718	+1.2	+0.5	+1.4	60,769	59,520	58,768	57,533	55,683
367	Electronic components.....	15,989	15,904	16,096	16,464	+0.5	-1.2	-2.2	16,053	15,856	15,806	15,970	18,451
37	Transportation equipment.....	160,549	157,100	156,604	154,122	+2.2	+0.3	+1.6	164,353	159,387	158,646	155,175	147,923
372,6	Aircraft, missiles, and parts...	135,638	134,871	134,093	130,785	+0.6	+0.6	+2.5	138,798	136,301	135,435	131,532	120,805
3731,95	Shipbuilding and military tank vehicles.....	18,502	16,130	16,606	17,424	+14.7	-2.9	-4.7	18,973	16,710	16,968	17,588	19,860
38	Instruments and related products..	8,464	8,731	8,821	8,733	-3.1	-1.0	+1.0	8,528	8,714	8,770	8,604	8,452
24,25, 39	All other durable goods.....	5,450	5,703	5,806	5,499	-4.4	-1.8	+5.6	5,369	5,291	5,279	4,898	5,947
	Nondurable goods industries.....	10,836	10,912	10,627	10,773	-0.7	+2.7	-1.4	10,909	10,899	10,639	10,469	10,127
	Market categories:												
	Home goods and apparel.....	4,684	4,679	4,681	4,202	+0.1	0.0	+11.4	4,537	4,299	4,123	3,618	4,684
	Consumer staples.....	849	756	710	751	+12.3	+6.5	-5.5	858	798	786	733	673
	Equipment and defense products, except automotive.....	231,871	229,418	229,267	228,264	+1.1	+0.1	+0.4	236,547	232,564	231,510	228,260	226,903
	Automotive equipment.....	5,927	5,625	5,400	5,377	+5.4	+4.2	+0.4	6,081	5,912	5,740	5,554	6,589
	Construction materials, supplies and intermediate products.....	12,152	12,658	12,468	12,418	-4.0	+1.5	+0.4	12,345	12,495	12,065	11,976	12,798
	Other materials, supplies, and intermediate products.....	115,315	115,373	113,722	112,797	-0.1	+1.5	+0.8	117,684	116,323	113,483	111,219	112,125
	Supplementary series:[2]												
	Capital goods industries.....	282,315	279,263	277,595	275,320	+1.1	+0.6	+0.8	287,561	282,291	279,669	275,560	271,602
	Nondefense.....	134,510	134,830	132,781	133,823	-0.2	+1.5	-0.8	135,293	134,990	133,230	132,702	135,666
	Defense.....	147,805	144,433	144,814	141,497	+2.3	-0.3	+2.3	152,268	147,301	146,439	142,838	135,936
	Household durable goods industries.....	4,072	4,087	4,168	3,749	-0.4	-1.9	+11.2	3,970	3,773	3,636	3,180	4,246

See footnotes at end of table 2.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		Mar. 1986[P]	Feb. 1986[r]	Jan. 1986	Dec. 1985	Feb.-Mar.[P]	Jan.-Feb.[r]	Dec.-Jan.	Mar. 1986[P]	Feb. 1986[r]	Jan. 1986	Dec. 1985	Mar. 1985
	All manufacturing industries..	279,372	279,236	280,357	281,884	0.0	-0.4	-0.5	280,160	280,374	279,029	277,885	286,913
	Manufacturing industries with unfilled orders.....	195,958	195,294	196,097	196,894	+0.3	-0.4	-0.4	196,335	195,408	194,082	193,407	200,766
	Durable goods industries.....	188,221	187,644	188,518	189,164	+0.3	-0.5	-0.3	189,024	188,382	186,961	186,014	193,157
	With unfilled orders.....	172,439	171,908	172,894	173,361	+0.3	-0.6	-0.3	172,803	172,097	171,220	170,489	176,574
32	Stone, clay, and glass products...	5,610	5,546	5,618	5,666	+1.2	-1.3	-0.8	5,741	5,687	5,559	5,574	6,099
322	Glass containers.....	665	646	654	649	+2.9	-1.2	+0.8	669	653	636	630	651
33	Primary metals.....	17,244	17,281	17,316	17,837	-0.2	-0.2	-2.9	17,196	17,342	17,379	17,591	19,489
331	Blast furnaces, steel mills.....	7,572	7,615	7,504	7,830	-0.6	+1.5	-4.2	7,352	7,524	7,602	7,861	8,621
333-9	Nonferrous and other primary metals.....	8,350	8,338	8,539	8,735	+0.1	-2.4	-2.2	8,484	8,471	8,522	8,490	9,493
34	Fabricated metal products.....	18,865	18,885	19,148	19,385	-0.1	-1.4	-1.2	19,118	19,040	18,994	18,915	19,484
341	Metal cans, barrels, and drums..	2,233	2,116	2,261	2,252	+5.5	-6.4	+0.4	2,430	2,249	2,277	2,043	2,693
35	Machinery, except electrical.....	39,037	39,285	39,441	39,448	-0.6	-0.4	0.0	38,979	39,329	39,132	38,890	41,444
351	Engines and turbines.....	1,968	1,877	1,844	1,808	+4.8	+1.8	+2.0	1,957	1,903	1,853	1,807	2,137
352	Farm machinery and equipment....	1,869	1,882	1,841	1,928	-0.7	+2.2	-4.5	1,910	1,953	1,845	1,870	1,928
353	Construction, mining, and material handling equipment....	6,088	6,235	6,272	6,384	-2.4	-0.6	-1.8	6,125	6,235	6,222	6,282	6,825
354	Metalworking machinery.....	2,904	2,936	2,817	2,752	-1.1	+4.2	+2.4	2,872	2,921	2,792	2,708	2,629
356	General industrial machinery....	3,368	3,366	3,483	3,334	+0.1	-3.4	+4.5	3,375	3,386	3,500	3,311	3,566
357	Office and computing machines...	11,944	12,034	12,092	12,123	-0.7	-0.5	-0.3	11,753	11,902	11,850	11,953	12,711
36	Electrical machinery.....	33,460	33,452	33,617	33,496	0.0	-0.5	+0.4	33,510	33,285	33,088	32,876	33,678
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	4,236	4,204	4,289	4,222	+0.8	-2.0	+1.6	4,198	4,173	4,208	4,162	4,480
363	Household appliances.....	2,327	2,279	2,255	2,294	+2.1	+1.1	-1.7	2,408	2,302	2,223	2,172	2,686
365	Radio and TV.....	1,398	1,365	1,330	1,318	+2.4	+2.6	+0.9	1,342	1,312	1,262	1,278	1,322
366	Communication equipment.....	14,598	14,680	14,718	14,778	-0.6	-0.3	-0.4	14,697	14,647	14,577	14,558	13,871
367	Electronic components.....	5,932	5,945	6,037	5,913	-0.2	-1.5	+2.1	5,926	5,927	5,940	5,919	6,555
37	Transportation equipment.....	49,910	48,931	49,232	49,068	+2.0	-0.6	+0.3	50,310	49,373	48,850	48,396	48,082
371	Motor vehicles and parts.....	11,268	11,355	11,301	11,477	-0.8	+0.5	-1.5	11,376	11,581	11,463	11,365	11,221
372,6	Aircraft, missiles, and parts...	35,374	34,443	34,747	34,494	+2.7	-0.9	+0.7	35,632	34,554	34,145	33,844	33,754
3731,95	Shipbuilding and military tank vehicles.....	1,605	1,510	1,517	1,463	+6.3	-0.5	+3.7	1,608	1,525	1,507	1,448	1,345
38	Instruments and related products..	9,518	9,535	9,613	9,594	-0.2	-0.8	+0.2	9,493	9,459	9,480	9,376	9,689
381-4	Scientific and engineering instruments.....	6,728	6,718	6,799	6,850	+0.1	-1.2	-0.7	6,728	6,678	6,724	6,720	6,970
386	Photographic goods.....	2,176	2,203	2,217	2,150	-1.2	-0.6	+3.1	2,152	2,179	2,157	2,064	2,090
24,25, 39	All other durable goods.....	14,577	14,729	14,533	14,670	-1.0	+1.3	-0.9	14,677	14,867	14,479	14,396	15,192
	Nondurable goods industries.....	91,151	91,592	91,839	92,720	-0.5	-0.3	-1.0	91,136	91,992	92,068	91,871	93,756
	With unfilled orders.....	23,519	23,386	23,203	23,533	+0.6	+0.8	-1.4	23,532	23,311	22,862	22,918	24,192
20	Food and kindred products.....	20,908	20,998	20,944	21,094	-0.4	+0.3	-0.7	20,578	21,192	21,519	21,524	21,056
201	Meat products.....	2,123	2,216	2,293	2,339	-4.2	-3.4	-2.0	2,178	2,285	2,323	2,248	2,294
208	Beverages.....	3,390	3,405	3,385	3,382	-0.4	+0.6	+0.1	3,492	3,511	3,446	3,382	3,641
207	Fats and oils.....	1,048	1,052	1,104	991	-0.4	-4.7	+11.4	1,076	1,156	1,254	1,152	1,137
203-6,9	All other foods.....	12,614	12,627	12,479	12,623	-0.1	+1.2	-1.1	12,109	12,564	12,816	13,052	12,176
21	Tobacco products.....	3,267	3,316	3,266	3,270	-1.5	+1.5	-0.1	3,345	3,462	3,478	3,440	3,615
22	Textile mill products.....	6,613	6,554	6,477	6,744	+0.9	+1.2	-4.0	6,716	6,654	6,482	6,586	7,043
26	Paper and allied products.....	9,799	9,725	9,806	9,728	+0.8	-0.8	+0.8	9,845	9,707	9,682	9,600	9,988
261-3,6	Pulp, paper etc.....	3,933	3,936	3,939	3,800	-0.1	-0.1	+3.7	3,943	3,929	3,893	3,790	3,824
265	Paperboard containers.....	2,352	2,348	2,378	2,363	+0.2	-1.3	+0.6	2,352	2,315	2,340	2,344	2,680
264	All other paper products.....	3,514	3,441	3,489	3,565	+2.1	-1.4	-2.1	3,550	3,463	3,449	3,466	3,484
28	Chemicals and allied products.....	21,587	21,434	21,549	21,419	+0.7	-0.5	+0.6	21,820	21,707	21,609	21,293	21,633
281,6	Industrial chemicals, except pigments.....	6,642	6,632	6,586	6,434	+0.2	+0.7	+2.4	6,662	6,645	6,619	6,344	6,601
283,4	Drugs, soaps, and toiletries....	6,940	6,837	6,856	6,852	+1.5	-0.3	+0.1	6,933	6,823	6,753	6,715	6,750
29	Petroleum and coal products.....	6,312	6,916	7,326	7,920	-8.7	-5.6	-7.5	6,172	6,866	7,304	7,766	7,862
30	Rubber and plastics products.....	6,462	6,478	6,382	6,313	-0.2	+1.5	+1.1	6,616	6,491	6,307	6,205	6,224
23,27, 31	All other nondurable goods.....	16,203	16,171	16,089	16,232	+0.2	+0.5	-0.9	16,044	15,913	15,687	15,457	16,335
	Market categories:												
	Home goods and apparel.....	22,135	21,936	21,973	22,060	+0.9	-0.2	-0.4	22,055	21,807	21,611	21,223	22,618
	Consumer staples.....	33,800	33,885	33,640	33,823	-0.3	+0.7	-0.5	33,558	34,072	34,098	33,999	33,978
	Equipment and defense products, except automotive.....	83,466	83,634	84,141	83,871	-0.2	-0.6	+0.3	83,835	83,759	83,352	82,777	85,186
	Automotive equipment.....	13,558	13,631	13,558	13,795	-0.5	+0.5	-1.7	13,770	13,982	13,795	13,755	13,828
	Construction materials, supplies and intermediate products.....	18,922	19,007	18,953	19,256	-0.4	+0.3	-1.6	19,256	19,279	18,773	18,941	19,911
	Other materials, supplies, and intermediate products.....	107,491	107,143	108,092	109,079	+0.3	-0.9	-0.9	107,686	107,475	107,400	107,190	111,392
	Supplementary series:2												
	Capital goods industries.....	97,182	96,493	97,102	96,735	+0.7	-0.6	+0.4	97,388	96,485	95,840	95,041	96,811
	Nondefense.....	70,138	70,239	70,340	70,465	-0.1	-0.1	-0.2	70,006	70,223	69,623	69,212	73,005
	Defense.....	27,044	26,254	26,762	26,270	+3.0	-1.9	+1.9	27,382	26,262	26,217	25,829	23,806
	Household durable goods industries.....	11,084	10,979	10,935	10,974	+1.0	+0.4	-0.4	11,076	10,968	10,765	10,633	11,696

See footnotes at end of table 2.

Table 5. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		Mar. 1986[P]	Feb. 1986[r]	Jan. 1986	Dec. 1985	Feb.–Mar.[P]	Jan.–Feb.[r]	Dec.–Jan.	Mar. 1986[P]	Feb. 1986[r]	Jan. 1986	Dec. 1985	Mar. 1985
	MATERIALS AND SUPPLIES												
	All manufacturing industries..	86,831	87,405	87,817	89,030	-0.7	-0.5	-1.4	87,085	87,863	88,344	89,245	92,091
	Durable goods industries.....	51,544	51,921	52,317	53,527	-0.7	-0.8	-2.3	51,357	52,006	52,324	53,418	55,236
32	Stone, clay, and glass products...	1,727	1,746	1,754	1,754	-1.1	-0.5	0.0	1,729	1,747	1,752	1,767	1,837
33	Primary metals.....	4,795	4,950	4,977	5,109	-3.1	-0.5	-2.6	4,699	4,951	5,078	5,264	5,622
34	Fabricated metal products.....	7,118	7,192	7,266	7,401	-1.0	-1.0	-1.8	7,190	7,212	7,286	7,350	7,407
35	Machinery, except electrical.....	10,372	10,785	10,845	11,040	-3.8	-0.6	-1.8	10,320	10,800	10,843	10,972	11,814
36	Electrical Machinery.....	7,905	7,789	7,740	7,977	+1.5	+0.6	-3.0	7,833	7,748	7,721	7,902	8,797
37	Transportation equipment.....	11,511	11,313	11,561	12,059	+1.8	-2.1	-4.1	11,583	11,419	11,446	11,929	11,392
38	Instruments and related products..	2,661	2,656	2,646	2,646	+0.2	+0.4	0.0	2,655	2,625	2,643	2,628	2,753
24,25, 39	All other durable goods.....	5,455	5,490	5,528	5,541	-0.6	-0.7	-0.2	5,348	5,504	5,555	5,606	5,614
	Nondurable goods industries.....	35,287	35,484	35,500	35,503	-0.6	0.0	0.0	35,728	35,857	36,020	35,827	36,855
20	Food and kindred products.....	7,351	7,324	7,428	7,416	+0.4	-1.4	+0.2	7,547	7,583	7,780	7,656	7,775
21	Tobacco products.....	2,760	2,740	2,737	2,754	+0.7	+0.1	-0.6	2,834	2,888	2,976	2,969	3,126
22	Textile mill products.....	2,093	2,073	2,048	2,077	+1.0	+1.2	-1.4	2,144	2,091	2,057	2,050	2,201
26	Paper and allied products.....	4,915	4,882	4,819	4,681	+0.7	+1.3	+2.9	4,924	4,854	4,784	4,730	4,883
28	Chemicals and allied products.....	7,836	7,926	7,947	7,957	-1.1	-0.3	-0.1	7,923	7,963	8,007	7,935	8,185
29	Petroleum and coal products.....	1,855	2,088	2,073	2,198	-11.2	+0.7	-5.7	1,854	2,044	2,062	2,107	1,969
30	Rubber and plastics products.....	2,355	2,301	2,260	2,246	+2.3	+1.8	+0.6	2,345	2,271	2,255	2,322	2,018
23,27, 31	All other nondurable goods.....	6,122	6,150	6,188	6,174	-0.5	-0.6	+0.2	6,157	6,163	6,099	6,058	6,698
	WORK IN PROCESS												
	All manufacturing industries..	105,149	104,310	104,627	104,480	+0.8	-0.3	+0.1	105,557	104,576	103,641	102,202	104,601
	Durable goods industries.....	91,277	90,125	90,477	89,912	+1.3	-0.4	+0.6	91,737	90,458	89,679	88,084	90,133
32	Stone, clay, and glass products...	773	751	784	790	+2.9	-4.2	-0.8	811	791	776	762	835
33	Primary metals.....	7,285	7,043	7,002	7,326	+3.4	+0.6	-4.4	7,220	7,065	7,087	7,077	8,009
34	Fabricated metal products.....	6,820	6,842	6,929	7,100	-0.3	-1.3	-2.4	6,937	6,867	6,767	6,753	6,999
35	Machinery, except electrical.....	16,144	16,109	16,288	16,004	+0.2	-1.1	+1.8	16,126	16,133	16,204	15,777	16,725
36	Electrical Machinery.....	19,485	19,568	19,729	19,361	-0.4	-0.8	+1.9	19,541	19,505	19,425	19,003	18,255
37	Transportation equipment.....	33,349	32,452	32,445	31,939	+2.8	0.0	+1.6	33,656	32,724	32,188	31,467	31,520
38	Instruments and related products..	4,060	3,949	4,045	4,090	+2.8	-2.4	-1.1	4,075	3,944	3,974	3,989	4,171
24,25, 39	All other durable goods.....	3,361	3,411	3,255	3,302	-1.5	+4.8	-1.4	3,371	3,429	3,258	3,256	3,619
	Nondurable goods industries.....	13,872	14,185	14,150	14,568	-2.2	+0.2	-2.9	13,820	14,118	13,962	14,118	14,468
20	Food and kindred products.....	1,638	1,632	1,638	1,568	+0.4	-0.4	+4.5	1,664	1,683	1,689	1,619	1,714
21	Tobacco products.....	223	261	219	265	-14.6	+19.2	-17.4	208	258	196	246	174
22	Textile mill products.....	1,910	1,896	1,827	1,996	+0.7	+3.8	-8.5	1,928	1,933	1,846	1,978	1,991
26	Paper and allied products.....	1,128	1,117	1,144	1,183	+1.0	-2.4	-3.3	1,116	1,104	1,118	1,130	1,165
28	Chemicals and allied products.....	3,383	3,369	3,538	3,536	+0.4	-4.8	+0.1	3,393	3,375	3,473	3,431	3,517
29	Petroleum and coal products.....	908	1,140	1,085	1,413	-20.4	+5.1	-23.2	903	1,092	1,043	1,338	1,284
30	Rubber and plastics products.....	1,229	1,263	1,236	1,173	-2.7	+2.2	+5.4	1,219	1,235	1,226	1,148	1,174
23,27, 31	All other nondurable goods.....	3,453	3,507	3,463	3,434	-1.5	+1.3	+0.8	3,389	3,438	3,371	3,228	3,449
	FINISHED GOODS												
	All manufacturing industries..	87,392	87,521	87,913	88,374	-0.1	-0.4	-0.5	87,518	87,935	87,044	86,438	90,221
	Durable goods industries.....	45,400	45,598	45,724	45,725	-0.4	-0.3	0.0	45,930	45,918	44,958	44,512	47,788
32	Stone, clay, and glass products...	3,110	3,049	3,080	3,122	+2.0	-1.0	-1.3	3,201	3,149	3,031	3,045	3,427
33	Primary metals.....	5,164	5,288	5,337	5,402	-2.3	-0.9	-1.2	5,277	5,326	5,214	5,250	5,858
34	Fabricated metal products.....	4,927	4,851	4,953	4,884	+1.6	-2.1	+1.4	4,991	4,961	4,941	4,812	5,078
35	Machinery, except electrical.....	12,521	12,391	12,308	12,404	+1.0	+0.7	-0.8	12,533	12,396	12,085	12,141	12,905
36	Electrical Machinery.....	6,070	6,095	6,148	6,158	-0.4	-0.9	-0.2	6,136	6,032	5,942	5,971	6,626
37	Transportation equipment.....	5,050	5,166	5,226	5,070	-2.2	-1.1	+3.1	5,071	5,230	5,216	5,000	5,170
38	Instruments and related products..	2,797	2,930	2,922	2,858	-4.5	+0.3	+2.2	2,763	2,890	2,863	2,759	2,765
24,25, 39	All other durable goods.....	5,761	5,828	5,750	5,827	-1.1	+1.4	-1.3	5,958	5,934	5,666	5,534	5,959
	Nondurable goods industries.....	41,992	41,923	42,189	42,649	+0.2	-0.6	-1.1	41,588	42,017	42,086	41,926	42,433
20	Food and kindred products.....	11,919	12,042	11,878	12,110	-1.0	+1.4	-1.9	11,367	11,926	12,050	12,249	11,567
21	Tobacco products.....	284	315	310	251	-9.8	+1.6	+23.5	303	316	306	225	315
22	Textile mill products.....	2,610	2,585	2,602	2,671	+1.0	-0.7	-2.6	2,644	2,630	2,579	2,558	2,851
26	Paper and allied products.....	3,756	3,726	3,843	3,864	+0.8	-3.0	-0.5	3,805	3,749	3,780	3,740	3,940
28	Chemicals and allied products.....	10,368	10,139	10,064	9,926	+2.3	+0.7	+1.4	10,504	10,369	10,129	9,927	9,931
29	Petroleum and coal products.....	3,549	3,688	4,168	4,309	-3.8	-11.5	-3.3	3,415	3,730	4,199	4,321	4,609
30	Rubber and plastics products.....	2,878	2,914	2,886	2,894	-1.2	+1.0	-0.3	3,052	2,985	2,826	2,735	3,032
23,27, 31	All other nondurable goods.....	6,628	6,514	6,438	6,624	+1.8	+1.2	-2.8	6,498	6,312	6,217	6,171	6,188

[P]Preliminary. [r]Revised.

Table 6. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP

(Based on seasonally adjusted data)

SIC Code	Industry	Inventory/shipments ratio				Unfilled orders/shipments ratio[1]			
		Mar. 1986[P]	Feb. 1986[r]	Jan. 1986	Dec. 1985	Mar. 1986[P]	Feb. 1986[r]	Jan. 1986	Dec. 1985
	All manufacturing industries	1.46	1.42	1.41	1.42	3.48	3.42	3.43	3.33
	Durable goods industries	1.82	1.77	1.78	1.79	4.25	4.16	4.19	4.04
32	Stone, clay, and glass products	1.18	1.13	1.08	1.19	0.66	0.63	0.58	0.63
33	Primary metals	1.75	1.70	1.71	1.74	2.09	2.04	2.00	1.92
34	Fabricated metal products	1.36	1.32	1.32	1.36	1.50	1.51	1.50	1.54
35	Machinery, except electrical	2.20	2.28	2.32	2.24	3.49	3.61	3.62	3.54
36	Electrical machinery	2.06	2.11	2.27	2.05	5.15	5.23	5.58	5.04
37	Transportation equipment	1.99	1.75	1.73	1.76	11.56	10.38	10.52	9.58
38	Instruments and related products	2.06	2.03	1.99	1.95	1.83	1.86	1.82	1.78
	Nondurable goods industries	1.03	1.01	0.99	0.99	0.49	0.50	0.48	0.50
20	Food and kindred products	0.85	0.84	0.81	0.85	(X)	(X)	(X)	(X)
21	Tobacco products	1.48	1.84	3.00	1.54	(X)	(X)	(X)	(X)
22	Textile mill products	1.47	1.47	1.42	1.50	(NA)	(NA)	(NA)	(NA)
26	Paper and allied products	1.16	1.13	1.13	1.16	(NA)	(NA)	(NA)	(NA)
28	Chemicals and allied products	1.26	1.18	1.17	1.19	(X)	(X)	(X)	(X)
29	Petroleum and coal products	0.49	0.50	0.47	0.47	(X)	(X)	(X)	(X)
30	Rubber and plastics products	1.67	1.62	1.58	1.57	(X)	(X)	(X)	(X)

[P]Preliminary. [r]Revised. (X) Not applicable. (NA) Not available.

[1]Excludes the following industries with no unfilled orders: Wood and lumber products; glass containers; metal cans, barrels, and drums; farm machinery and equipment; motor vehicle assembly operations; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.

Table 7. AVERAGE REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES

(Based on seasonally adjusted data)

SIC Code	Industry	Shipments			New orders			Unfilled orders			Inventories		
		Year ago Mar. 1985	All Mars. 1981-1985	Mar. 1985-Feb. 1986	Year ago Mar. 1985	All Mars. 1981-1985	Mar. 1985-Feb. 1986	Year ago Mar. 1985	All Mars. 1981-1985	Mar. 1985-Feb. 1986	Year ago Mar. 1985	All Mars. 1981-1985	Mar. 1985-Feb. 1986
	All manufacturing industries.	0.0	0.1	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.3	0.1	0.1
	Durable goods industries	0.1	0.2	0.2	0.1	0.4	0.3	0.0	0.1	0.1	0.2	0.1	0.1
32	Stone, clay, and glass products	0.9	0.6	1.0	1.4	0.6	1.1	1.0	1.4	0.9	0.1	0.5	0.2
33	Primary metals	0.4	1.0	1.0	1.0	2.3	1.2	0.3	0.9	0.5	0.2	0.3	0.2
34	Fabricated metal products	0.1	0.9	0.5	0.3	1.4	1.0	0.1	0.4	0.4	0.3	0.2	0.6
35	Machinery, except electrical	0.5	0.4	0.5	0.1	0.6	0.7	0.2	0.2	0.2	0.4	0.2	0.2
36	Electrical machinery	0.5	0.5	0.9	0.2	1.0	1.5	0.4	0.2	0.2	0.0	0.1	0.2
37	Transportation equipment	0.2	1.1	0.4	0.5	2.2	0.9	0.0	0.3	0.1	0.5	0.4	0.2
38	Instruments and related products.	1.0	1.1	1.0	2.1	1.6	1.4	0.6	0.6	0.5	0.2	0.4	0.4
	Nondurable goods industries	0.1	0.3	0.3	0.1	0.2	0.3	0.0	0.4	0.5	0.2	0.4	0.2
20	Food and kindred products	0.3	0.5	0.7	(X)	(X)	(X)	(X)	(X)	(X)	0.6	0.5	0.3
21	Tobacco products	0.0	1.3	0.3	(X)	(X)	(X)	(X)	(X)	(X)	0.0	0.5	0.1
22	Textile mill products	0.1	1.0	1.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.1	0.6	0.9
26	Paper and allied products	0.2	0.4	0.6	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.0	0.2	0.2
28	Chemicals and allied product	1.4	1.0	0.6	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.4	0.4
29	Petroleum and coal products	0.5	0.7	0.9	(X)	(X)	(X)	(X)	(X)	(X)	0.3	0.8	0.7
30	Rubber and plastics products	1.9	1.7	1.1	(X)	(X)	(X)	(X)	(X)	(X)	0.3	0.5	0.7
	Capital Goods Industries:												
	Nondefense	1.0	0.9	0.6	0.4	2.2	0.6	0.1	0.2	0.1	0.2	0.1	0.2
	Defense	1.5	1.5	1.0	10.3	3.3	3.0	0.1	0.3	0.1	0.7	0.4	0.4

(X) Not Applicable (NA) Not available.

Note: The revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences for the durable goods industries are shown in the advance report for the month.

U.S. Department of Commerce
BUREAU OF THE CENSUS
Washington, D.C. 20233

Official Business
Penalty for Private Use, $300

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE
COM-202

First Class Mail

M3-1(86)-4

CURRENT INDUSTRIAL REPORTS

Manufacturers' Shipments, Inventories, and Orders

APRIL 1986

M3-1(86)-4

U.S. Department of Commerce
BUREAU OF THE CENSUS

For Wire Transmission 10:00a.m. E.D.T. Monday, June 2, 1986

NEWARK PUBLIC LIBRARY

(All Figures in text are in seasonally adjusted current dollars)

AUG 6 1986

U. S. GOVT. PUBS.
DEPOSITORY ITEM

SUMMARY. New orders for manufactured goods in April showed little change from March, up $0.2 billion or 0.1 percent to $193.2 billion. New orders reached a high in December of $201.2 billion, were flat in January, and declined 1.3 percent and 2.8 percent in February and March respectively.

Shipments of manufactured goods increased $3.9 billion or 2.0 percent to $194.9 billion, following 4 months of declines. Shipments exceeded new orders in April resulting in a decline in unfilled orders of $1.7 billion or 0.5 percent to $368.7 billion, the first since a 0.9 percent decline in November 1985.

The book value of manufacturers' inventories showed a slight decline in April of $0.4 billion or 0.1 percent to $279.2 billion. Inventories have declined 11 of the last 13 months since reaching a high of $286.2 billion in March 1985. The inventory to shipments ratio in April was 1.43, down from 1.46 in March.

NEW ORDERS. New orders for the durable goods sector in total were down $0.2 billion or 0.2 percent to $104.5 billion, with large offsetting movements in the major industries. The largest increases were in fabricated metals, up $1.2 billion or 9.3 percent to $14.4 billion, and nonelectrical machinery, up $0.6 billion or 3.9 percent to $16.7 billion. No particular industry dominated either increase. The largest declines were in electrical machinery, down $1.9 billion or 11.0 percent to $15.2 billion. About two-thirds of the decline in electrical machinery was in communication equipment; within transportation equipment, a $2.0 billion decline in shipbuilding was partially offset by a $1.6 billion increase in motor vehicles and parts.

New orders for nondurable goods increased $0.4 billion or 0.4 percent to $88.7 billion. A large increase in the chemical industry of $1.1 billion to $18.2 billion was partially offset by declines in several industries. For most of the nondurable goods industries new orders are equal to shipments for the month.

SHIPMENTS. Shipments in the durable goods sector were up in April $3.4 billion or 3.3 percent to $106.1 billion. The largest increase was in transportation equipment, where motor vehicles and parts increased $2.0 billion or 12.2 percent to $18.1 billion, offsetting a 12.7 percent decline in March. Most of the other industries showed increases except electrical machinery, which declined $0.8 billion or 5.0 percent to $15.4 billion.

Shipments of nondurable goods increased $0.5 billion or 0.5 percent to $88.8 billion, with the specific industries showing a mixed pattern of increases and decreases. The largest increase was in chemicals, up $1.1 billion or 6.6 percent to $18.2 billion. The largest declines were in tobacco and petroleum products, each down $0.6 billion; petroleum products shipments have declined in value from a recent high in November 1985 of $17.0 billion to $12.2 billion in April.

UNFILLED ORDERS. The decline in unfilled orders of $1.7 billion was concentrated in the durable goods sector. Unfilled orders for nonelectrical machinery declined $1.1 billion or 2.0 percent to $57.2 billion. Over 80 percent of the decline was in office and computing equipment, continuing its downward trend. Most of the other major industries were also down, except transportation equipment which was up slightly, $0.4 billion or 0.2 percent to $160.9 billion.

INVENTORIES. Inventories of durable goods manufacturers in April were down $0.5 billion or 0.3 percent to $187.8 billion. The largest declines were in nonelectrial machinery and primary metals; the largest increases were in transportation equipment and electrical machinery. Inventories of nondurable goods were up $0.2 billion or 0.2 percent to $91.4 billion; an increase in food products of $0.4 billion or 1.9 percent was partially offset by declines in petroleum and rubber and plastics products.

By stage of fabrication, materials and supplies were up 0.5 percent, work in process down 0.6 percent, and finished goods down 0.2 percent. The materials and supplies increase was mostly in the food products industry.

SCHEDULED RELEASE DATES. The advance report on durable goods for May is scheduled for release on June 24, 1986 at 8:30 a.m. and the full report on July 2, 1986 at 10:00 a.m.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Ruth Runyan or Kathleen Menth, (301) 763-2502.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. This press release is also available on the date of issue through the Census Bureau's online information service-CENDATA™. The online version of the report can be read from a terminal screen, printed on- or off-line, or copied to a computer file for future use. CENDATA is available from Dialog Information Services, Inc. (800/334-2564). Further information about accessing CENDATA can be obtained from Dialog. The CENDATA Staff at the Bureau of the Census (301/763-2074) can provide content information and general guidance, or write for a brochure to CENDATA. DUSD, Bureau of the Census, Washington, DC 20233.

C 3.158:

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]					
		Monthly				Percent change			Monthly				Year to date	
		Apr. 1986[p]	Mar. 1986[r]	Feb. 1986[r]	Jan. 1986[r]	Mar.-Apr.[p]	Feb.-Mar.[r]	Jan.-Feb.[r]	Apr. 1986[p]	Mar. 1986[r]	Feb. 1986[r]	Jan. 1986[r]	1986[p]	1985
	All manufacturing industries	194,916	191,051	196,274	198,716	+2.0	-2.7	-1.2	196,170	200,540	196,648	182,163	775,521	766,874
	Manufacturing industries with unfilled orders	107,907	105,851	107,438	106,669	+1.9	-1.5	+0.7	108,285	111,740	107,752	96,644	424,421	413,257
	Durable goods industries	106,073	102,693	105,545	105,631	+3.3	-2.7	-0.1	108,126	109,751	105,708	94,879	418,464	406,668
	With unfilled orders	85,836	84,147	85,660	84,575	+2.0	-1.8	+1.3	86,293	89,521	85,820	75,952	337,586	330,792
32	Stone, clay, and glass products	4,967	4,784	4,901	5,209	+3.8	-2.4	-5.9	5,028	4,841	4,563	4,409	18,841	18,125
322	Glass containers	408	401	442	423	+1.7	-9.3	+4.5	415	432	412	383	1,642	1,563
33	Primary metals	10,107	9,833	10,159	10,119	+2.8	-3.2	+0.4	10,605	10,691	10,509	9,815	41,620	42,974
331	Blast furnaces, steel mills	4,090	3,926	4,173	4,246	+4.2	-5.9	-1.7	4,307	4,299	4,369	4,153	17,128	17,990
333-9	Nonferrous and other primary metals	4,752	4,762	4,736	4,636	-0.2	+0.5	+2.2	4,952	5,153	4,873	4,488	19,466	20,014
34	Fabricated metal products	14,384	13,733	14,300	14,466	+4.7	-4.0	-1.1	14,585	14,362	14,116	12,777	55,840	52,848
341	Metal cans, barrels, and drums	967	846	870	926	+14.3	-2.8	-6.0	949	840	846	785	3,420	3,528
35	Machinery, except electrical	17,847	17,377	16,939	16,764	+2.7	+2.6	+1.0	17,576	18,846	17,064	14,831	68,317	69,592
351	Engines and turbines	1,226	1,398	1,177	1,103	-12.3	+18.8	+6.7	1,273	1,598	1,230	1,062	5,163	5,050
352	Farm machinery and equipment	902	835	755	929	+8.0	+10.6	-18.7	1,009	980	781	832	3,602	3,535
353	Construction, mining, and material handling equipment	3,144	3,066	2,908	3,050	+2.5	+5.4	-4.7	3,087	3,066	2,981	2,727	11,861	10,877
354	Metalworking machinery	815	903	866	822	-9.7	+4.3	+5.4	802	992	895	739	3,428	3,318
356	General industrial machinery	1,671	1,414	1,442	1,506	+18.2	-1.9	-4.2	1,606	1,471	1,478	1,390	5,945	5,618
357	Office and computing machines	4,021	4,099	3,675	3,443	-1.9	+11.5	+6.7	3,522	4,554	3,410	2,579	14,065	17,008
36	Electrical machinery	15,371	16,187	15,819	14,841	-5.0	+2.3	+6.6	15,385	17,024	15,887	13,614	61,910	59,809
361,2	Electrical transmission and distribution equipment and industrial apparatus	2,005	2,230	2,066	2,006	-10.1	+7.9	+3.0	2,016	2,420	2,118	1,867	8,421	7,993
363	Household appliances	1,348	1,385	1,340	1,476	-2.7	+3.4	-9.2	1,359	1,452	1,343	1,284	5,438	5,485
365	Radio and TV	1,014	1,043	1,014	1,017	-2.8	+2.9	-0.3	898	1,054	973	898	3,823	3,546
366	Communication equipment	5,043	5,477	5,427	4,728	-7.9	+0.9	+14.8	5,154	5,875	5,365	4,292	20,686	19,770
367	Electronic components	3,284	3,432	3,263	3,100	-4.3	+5.2	+5.3	3,412	3,538	3,341	2,902	13,193	13,558
37	Transportation equipment	27,540	25,030	27,962	28,520	+10.0	-10.5	-2.0	28,972	27,533	28,381	25,861	110,747	105,317
371	Motor vehicles and parts	18,078	16,112	18,461	19,448	+12.2	-12.7	-5.1	19,476	17,879	18,891	18,180	74,426	70,783
372,6	Aircraft, missiles, and parts	7,917	7,462	7,942	7,620	+6.1	-6.0	+4.2	7,831	7,995	7,843	6,346	30,015	27,677
3731,95	Shipbuilding and military tank vehicles	701	690	715	671	+1.6	-3.5	+6.6	672	720	717	595	2,704	3,313
38	Instruments and related products	4,697	4,591	4,696	4,842	+2.3	-2.2	-3.0	4,527	4,832	4,556	4,383	18,298	18,219
381-4	Scientific and engineering instruments	3,144	2,960	3,047	3,145	+6.2	-2.9	-3.1	3,040	3,182	3,007	2,978	12,207	12,087
386	Photographic goods	1,380	1,467	1,463	1,496	-5.9	+0.3	-2.2	1,308	1,468	1,365	1,243	5,384	5,394
24,25, 39	All other durable goods	11,160	11,158	10,769	10,870	0.0	+3.6	-0.9	11,448	11,622	10,632	9,189	42,891	39,784
	Nondurable goods industries	88,843	88,358	90,729	93,085	+0.5	-2.6	-2.5	88,044	90,789	90,940	87,284	357,057	360,206
	With unfilled orders	22,071	21,704	21,778	22,094	+1.7	-0.3	-1.4	21,992	22,219	21,932	20,692	86,835	82,465
20	Food and kindred products	24,958	24,764	24,933	25,817	+0.8	-0.7	-3.4	24,326	25,646	25,008	23,672	98,652	97,705
201	Meat products	5,637	5,435	5,459	5,524	+3.7	-0.4	-1.2	5,434	5,359	5,350	5,309	21,452	22,279
208	Beverages	3,989	3,925	3,846	4,135	+1.6	+2.1	-7.0	4,172	3,898	3,592	3,449	15,111	14,187
207	Fats and oils	1,044	1,044	1,126	1,057	0.0	-7.3	+6.5	1,000	1,069	1,123	1,084	4,276	4,545
203-6,9	All other foods	11,180	11,122	11,317	11,841	+0.5	-1.7	-4.4	10,621	12,056	11,758	10,775	45,210	43,903
21	Tobacco products	1,570	2,155	1,800	1,089	-27.1	+19.7	+65.3	1,542	2,069	1,627	990	6,228	5,972
22	Textile mill products	4,512	4,299	4,452	4,551	+5.0	-3.4	-2.2	4,479	4,708	4,443	3,959	17,589	16,916
26	Paper and allied products	8,785	8,462	8,637	8,687	+3.8	-2.0	-0.6	8,857	8,819	8,906	8,422	35,004	32,693
261-3,6	Pulp, paper etc.	3,747	3,587	3,617	3,688	+4.5	-0.8	-1.9	3,823	3,770	3,728	3,497	14,818	14,236
265	Paperboard containers	1,850	1,730	1,805	1,850	+6.9	-4.2	-2.4	1,856	1,806	1,834	1,767	7,263	7,473
264	All other paper products	3,188	3,145	3,215	3,149	+1.4	-2.2	+2.1	3,178	3,243	3,344	3,158	12,923	10,984
28	Chemicals and allied products	18,193	17,068	18,185	18,403	+6.6	-6.1	-1.2	18,774	18,565	18,403	17,496	73,238	72,843
281,6	Industrial chemicals, except pigments	5,845	5,708	5,915	5,961	+2.4	-3.5	-0.8	6,079	6,187	6,146	5,627	24,039	24,021
283,4	Drugs, soaps, and toiletries	5,200	4,767	5,233	5,315	+9.1	-8.9	-1.5	4,810	5,063	5,160	5,065	20,098	17,986
29	Petroleum and coal products	12,229	12,798	13,955	15,729	-4.4	-8.3	-11.3	11,918	12,320	13,721	15,578	53,537	62,304
30	Rubber and plastics products	3,927	3,921	4,005	4,049	+0.2	-2.1	-1.1	3,987	3,926	3,976	3,731	15,620	16,266
23,27, 31	All other nondurable goods	14,669	14,891	14,792	14,760	-1.5	+0.9	0.0	14,161	14,736	14,856	13,436	57,189	55,507
	Market categories:													
	Home goods and apparel	13,317	13,528	13,551	13,463	-1.6	-0.2	+0.7	12,774	14,069	13,748	11,523	52,114	50,476
	Consumer staples	35,850	35,765	35,870	36,173	+0.2	-0.3	-0.8	34,989	36,686	35,554	33,199	140,428	135,342
	Equipment and defense products, except automotive	30,342	30,412	29,793	28,871	-0.2	+2.1	+3.2	29,783	32,561	29,495	25,218	117,057	116,136
	Automotive equipment	19,844	17,822	20,287	21,459	+11.3	-12.2	-5.5	21,492	19,765	20,676	19,938	81,871	78,700
	Construction materials, supplies and intermediate products	18,498	17,969	17,679	18,170	+2.9	+1.6	-2.7	18,814	18,208	16,692	15,155	68,869	63,443
	Other materials, supplies, and intermediate products	77,065	75,555	79,094	80,580	+2.0	-4.5	-1.8	78,318	79,251	80,483	77,130	315,182	322,777
	Supplementary series:[2]													
	Capital goods industries	34,578	34,383	34,145	32,385	+0.6	+0.7	+5.4	33,943	36,827	34,056	28,488	133,314	130,340
	Nondefense	27,201	27,304	26,564	25,352	-0.4	+2.8	+4.8	26,579	29,364	26,533	22,271	104,747	104,623
	Defense	7,377	7,079	7,581	7,033	+4.2	-6.6	+7.8	7,364	7,463	7,523	6,217	28,567	25,717
	Household durable goods industries	6,662	6,838	6,720	6,720	-2.6	+1.8	0.0	6,559	7,246	6,699	5,699	26,203	25,008

See footnotes at end of table 2.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]					
		Monthly				Percent change			Monthly				Year to date	
		Apr. 1986[P]	Mar. 1986[r]	Feb. 1986[r]	Jan. 1986[r]	Mar.-Apr.[P]	Feb.-Mar.[r]	Jan.-Feb.[r]	Apr. 1986[P]	Mar. 1986[r]	Feb. 1986[r]	Jan. 1986[r]	1986[P]	1985
	All manufacturing industries	193,177	192,996	198,559	201,133	+0.1	-2.8	-1.3	194,619	205,866	201,355	188,488	790,328	775,661
	Manufacturing industries with unfilled orders	106,168	107,796	109,723	109,086	-1.5	-1.8	+0.6	106,734	117,066	112,459	102,969	439,228	422,043
	Durable goods industries	104,507	104,682	107,545	108,194	-0.2	-2.7	-0.6	106,557	115,035	110,155	101,034	432,781	415,278
	With unfilled orders	84,270	86,136	87,660	87,138	-2.2	-1.7	+0.6	84,724	94,805	90,267	82,107	351,903	339,402
32	Stone, clay, and glass products	4,900	4,832	4,946	4,973	+1.4	-2.3	-0.5	4,976	4,911	4,703	4,486	19,076	57,491
33	Primary metals	9,599	9,762	10,614	10,596	-1.7	-8.0	+0.2	9,549	11,019	11,693	11,243	43,504	44,953
331	Blast furnaces, steel mills	3,879	4,110	4,516	4,228	-5.6	-9.0	+6.8	3,716	4,785	5,129	4,622	18,252	19,409
333-9	Nonferrous and other primary metals	4,282	4,463	4,825	4,994	-4.1	-7.5	-3.4	4,359	4,949	5,248	5,209	19,765	20,336
34	Fabricated metal products	14,367	13,141	14,274	14,326	+9.3	-7.9	-0.4	14,422	14,168	14,339	12,720	55,649	53,018
35	Machinery, except electrical	16,710	16,081	18,277	15,603	+3.9	-12.0	+17.1	16,644	17,542	18,482	14,310	66,978	71,814
351	Engines and turbines	1,250	1,095	1,383	1,314	+14.2	-20.8	+5.3	1,213	1,301	1,497	1,051	5,062	4,400
353	Construction, mining, and material handling equipment	3,026	2,778	2,777	2,903	+8.9	0.0	-4.3	2,916	2,798	2,898	2,694	11,306	11,033
354	Metalworking machinery	827	877	799	848	-5.7	+9.8	-5.8	810	936	836	749	3,331	3,786
356	General industrial machinery	1,590	1,393	1,430	1,419	+14.1	-2.6	+0.8	1,536	1,442	1,508	1,389	5,875	5,556
357	Office and computing machines	3,080	3,514	5,014	2,262	-12.4	-29.9	+121.7	2,954	3,932	4,535	1,764	13,185	18,978
36	Electrical machinery	15,190	17,066	15,704	15,346	-11.0	+8.7	+2.3	14,773	18,457	16,672	14,824	64,726	64,156
361,2	Electrical transmission and distribution equipment and industrial apparatus	1,890	2,156	1,941	2,162	-12.3	+11.1	-10.2	1,928	2,374	2,103	2,013	8,418	8,162
363	Household appliances	1,335	1,365	1,291	1,465	-2.2	+5.7	-11.9	1,352	1,455	1,279	1,332	5,418	5,510
365	Radio and TV	1,116	1,148	921	975	-2.8	+24.6	-5.5	828	1,034	992	847	3,701	3,405
366	Communication equipment	4,965	6,243	5,745	5,528	-20.5	+8.7	+3.9	4,533	7,164	6,117	5,527	23,341	24,930
367	Electronic components	3,146	3,518	3,071	2,732	-10.6	+14.6	+12.4	3,527	3,736	3,391	2,738	13,392	12,706
37	Transportation equipment	27,917	28,496	28,458	31,002	-2.0	+0.1	-8.2	29,990	32,517	29,122	29,332	120,961	103,838
372,6	Aircraft, missiles, and parts	7,857	8,238	8,720	10,928	-4.6	-5.5	-20.2	8,476	10,502	8,709	10,249	37,936	27,802
3731,95	Shipbuilding and military tank vehicles	1,085	3,062	239	-146	-64.6	+1181.2	(n)	1,126	2,983	459	-24	4,544	1,916
38	Instruments and related products	4,674	4,394	4,606	4,930	+6.4	-4.6	-6.6	4,487	4,717	4,500	4,549	18,253	18,434
24,25, 39	All other durable goods	11,150	10,910	10,666	11,177	+2.2	+2.3	-4.6	11,716	11,704	10,644	9,570	43,634	40,736
	Nondurable goods industries	88,670	88,314	91,014	92,939	+0.4	-3.0	-2.1	88,062	90,831	91,200	87,454	357,547	360,383
	With unfilled orders	21,898	21,660	22,063	21,948	+1.1	-1.8	+0.5	22,010	22,261	22,192	20,862	87,325	82,641
	Market categories:													
	Home goods and apparel	13,216	13,534	13,549	13,942	-2.3	-0.1	-2.8	12,848	14,308	13,924	12,028	53,108	51,297
	Consumer staples	35,864	35,858	35,916	36,132	0.0	-0.2	-0.6	34,972	36,746	35,566	33,252	140,536	135,366
	Equipment and defense products, except automotive	30,511	32,463	29,968	29,852	-6.0	+8.3	+0.4	29,703	36,145	30,572	28,446	124,866	122,135
	Automotive equipment	19,815	18,132	20,512	21,482	+9.3	-11.6	-4.5	21,333	19,942	20,848	20,124	82,247	78,492
	Construction materials, supplies and intermediate products	18,378	17,399	17,869	18,220	+5.6	-2.6	-1.9	18,669	17,993	17,122	15,244	69,028	64,039
	Other materials, supplies, and intermediate products	75,393	75,610	80,745	81,505	-0.3	-6.4	-0.9	77,094	80,732	83,323	79,394	320,543	324,332
	Supplementary series:[2]													
	Capital goods industries	33,814	36,987	35,837	34,638	-8.6	+3.2	+3.5	33,605	41,652	36,701	32,595	144,553	136,883
	Nondefense	26,075	26,540	28,637	24,288	-1.8	-7.3	+17.9	25,555	29,225	28,316	22,777	105,873	106,057
	Defense	7,739	10,447	7,200	10,350	-25.9	+45.1	-30.4	8,050	12,427	8,385	9,818	38,680	30,826
	Household durable goods industries	6,619	6,824	6,639	7,139	-3.0	+2.8	-7.0	6,619	7,444	6,836	6,155	27,054	25,756

[P]Preliminary. [r]Revised. (n) When new orders for a prior month are negative because of cancellations, the percentage change calculation is algebraically negative, even though there is a net dollar increase from the prior month to the current month. Using absolute values the percent increase in new orders for shipbuilding and military tank vehicles in February was 266.0 percent.

[1]Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

[2]The supplementary series are regroupings of the separate industry categories: Household durable goods industries includes household furniture; kitchen articles and pottery; cutlery, hand tools, and hardware; household appliances, radio and TV, ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Nondefense capital goods include machinery, except electrical (excluding farm machinery and equipment and machine shops); electrical machinery (excluding household appliances, radio and TV, and electronic components); railroad equipment; and the nondefense portions of ordnance; communication equipment; aircraft and aircraft parts; and shipbuilding, converting and repairing.

Defense capital goods include ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding converting and repairing. The defense data are comparable to those published annually in the MA-175, Shipments to Federal Government Agencies.

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted						Not seasonally adjusted[1]				
		End of month				Percent change			End of month			
		Apr. 1986[p]	Mar. 1986[r]	Feb. 1986[r]	Jan. 1986[r]	Mar.-Apr.[p]	Feb.-Mar.[r]	Jan.-Feb.[r]	Apr. 1986[p]	Mar. 1986[r]	Feb. 1986[r]	Jan. 1986[r]	Apr. 1985
	All manufacturing industries..	368,717	370,456	368,511	366,226	-0.5	+0.5	+0.6	376,167	377,718	372,392	367,685	361,728
	Durable goods industries.....	358,022	359,588	357,599	355,599	-0.4	+0.6	+0.6	365,208	366,777	361,493	357,046	351,638
32	Stone, clay, and glass products...	2,806	2,873	2,825	2,780	-2.3	+1.7	+1.6	2,868	2,920	2,850	2,710	2,601
33	Primary metals.....	20,100	20,608	20,679	20,224	-2.5	-0.3	+2.2	21,014	22,070	21,742	20,558	20,483
331	Blast furnaces, steel mills.....	9,489	9,700	9,516	9,173	-2.2	+1.9	+3.7	10,030	10,621	10,135	9,375	9,821
333-9	Nonferrous and other primary metals.....	6,742	7,212	7,511	7,422	-6.5	-4.0	+1.2	7,045	7,638	7,842	7,467	7,438
34	Fabricated metal products.....	19,639	19,656	20,248	20,274	-0.1	-2.9	-0.1	19,766	19,929	20,123	19,900	21,351
35	Machinery, except electrical.....	57,151	58,288	59,584	58,246	-2.0	-2.2	+2.3	57,714	58,646	59,950	58,532	63,194
351	Engines and turbines.....	15,050	15,026	15,329	15,123	+0.2	-2.0	+1.4	14,926	14,986	15,283	15,016	14,512
353	Construction, mining, and material handling equipment....	5,718	5,834	6,122	6,253	-2.0	-4.7	-2.1	5,762	5,933	6,201	6,284	6,048
354	Metalworking machinery.....	3,846	3,834	3,860	3,927	+0.3	-0.7	-1.7	3,781	3,773	3,829	3,888	4,111
356	General industrial machinery....	4,124	4,205	4,226	4,238	-1.9	-0.5	-0.3	4,173	4,243	4,272	4,242	4,599
357	Office and computing machines...	17,674	18,615	19,200	17,861	-5.1	-3.0	+7.5	18,010	18,578	19,200	18,075	22,240
36	Electrical machinery.....	83,427	83,608	82,729	82,844	-0.2	+1.1	-0.1	84,257	84,869	83,436	82,651	82,262
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	5,648	5,763	5,837	5,962	-2.0	-1.3	-2.1	5,738	5,826	5,872	5,887	6,351
363	Household appliances.....	319	332	352	401	-3.9	-5.7	-12.2	337	344	361	405	388
365	Radio and TV.....	572	470	365	458	+21.7	+28.8	-20.3	316	386	406	387	294
366	Communication equipment.....	59,524	59,602	58,836	58,518	-0.1	+1.3	+0.5	60,188	60,809	59,520	58,768	55,729
367	Electronic components.....	15,852	15,990	15,904	16,096	-0.9	+0.5	-1.2	16,169	16,054	15,856	15,806	18,044
37	Transportation equipment.....	160,943	160,566	157,100	156,604	+0.2	+2.2	+0.3	165,389	164,371	159,387	158,646	147,083
372,6	Aircraft, missiles, and parts...	135,587	135,647	134,871	134,093	0.0	+0.6	+0.6	139,453	138,808	136,301	135,435	120,663
3731,95	Shipbuilding and military tank vehicles.....	18,886	18,502	16,130	16,606	+2.1	+14.7	-2.9	19,427	18,973	16,710	16,968	19,460
38	Instruments and related products..	8,511	8,534	8,731	8,821	-0.3	-2.3	-1.0	8,559	8,599	8,714	8,770	8,529
24,25, 39	All other durable goods.....	5,445	5,455	5,703	5,806	-0.2	-4.3	-1.8	5,641	5,373	5,291	5,279	6,135
	Nondurable goods industries.....	10,695	10,868	10,912	10,627	-1.6	-0.4	+2.7	10,959	10,941	10,899	10,639	10,090
	Market categories:												
	Home goods and apparel.....	4,584	4,685	4,679	4,681	-2.2	+0.1	0.0	4,612	4,538	4,299	4,123	4,649
	Consumer staples.....	863	849	756	710	+1.6	+12.3	+6.5	841	858	798	786	657
	Equipment and defense products, except automotive.....	231,640	231,471	229,420	229,245	+0.1	+0.9	+0.1	236,069	236,149	232,565	231,488	225,901
	Automotive equipment.....	5,906	5,935	5,625	5,400	-0.5	+5.5	+4.2	5,930	6,089	5,912	5,740	6,281
	Construction materials, supplies and intermediate products.....	11,968	12,088	12,658	12,468	-1.0	-4.5	+1.5	12,135	12,280	12,495	12,065	12,791
	Other materials, supplies, and intermediate products.....	113,756	115,428	115,373	113,722	-1.4	0.0	+1.5	116,580	117,804	116,323	113,483	111,449
	Supplementary series:[2]												
	Capital goods industries.....	281,105	281,869	279,265	277,573	-0.3	+0.9	+0.6	286,779	287,117	282,292	279,647	270,200
	Nondefense.....	132,942	134,068	134,832	132,759	-0.8	-0.6	+1.6	133,828	134,852	134,991	133,208	134,263
	Defense.....	148,163	147,801	144,433	144,814	+0.2	+2.3	-0.3	152,951	152,265	147,301	146,439	135,937
	Household durable goods industries.....	4,030	4,073	4,087	4,168	-1.1	-0.3	-1.9	4,031	3,971	3,773	3,636	4,179

See footnotes at end of table 2.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		Apr. 1986[P]	Mar. 1986[r]	Feb. 1986	Jan. 1986	Mar.-Apr.[P]	Feb.-Mar.[r]	Jan.-Feb.	Apr. 1986[P]	Mar. 1986[r]	Feb. 1986	Jan. 1986	Apr. 1985
	All manufacturing industries..	279,193	279,571	279,236	280,357	-0.1	+0.1	-0.4	281,187	280,348	280,374	279,029	288,095
	Manufacturing industries with unfilled orders.....	195,361	196,009	195,294	196,097	-0.3	+0.4	-0.4	196,893	196,384	195,408	194,082	202,123
	Durable goods industries.....	187,788	188,333	187,644	188,518	-0.3	+0.4	-0.5	189,245	189,131	188,382	186,961	193,991
	With unfilled orders.....	171,924	172,570	171,908	172,894	-0.4	+0.4	-0.6	173,128	172,931	172,097	171,220	177,859
32	Stone, clay, and glass products...	5,540	5,576	5,546	5,618	-0.6	+0.5	-1.3	5,695	5,706	5,687	5,559	6,085
322	Glass containers.....	656	661	646	654	-0.8	+2.3	-1.2	672	665	653	636	640
33	Primary metals.....	16,999	17,220	17,281	17,316	-1.3	-0.4	-0.2	17,088	17,171	17,342	17,379	19,385
331	Blast furnaces, steel mills.....	7,457	7,578	7,615	7,504	-1.6	-0.5	+1.5	7,315	7,358	7,524	7,602	8,551
333-9	Nonferrous and other primary metals.....	8,258	8,321	8,338	8,539	-0.8	-0.2	-2.4	8,440	8,454	8,471	8,522	9,464
34	Fabricated metal products.....	18,991	18,926	18,885	19,148	+0.3	+0.2	-1.4	19,315	19,177	19,040	18,994	19,440
341	Metal cans, barrels and drums..	2,172	2,213	2,116	2,261	-1.9	+4.6	-6.4	2,430	2,408	2,249	2,277	2,667
35	Machinery, except electrical.....	38,378	39,017	39,285	39,441	-1.6	-0.7	-0.4	38,611	38,959	39,329	39,132	41,870
351	Engines and turbines.....	1,936	1,965	1,877	1,844	-1.5	+4.7	+1.8	1,957	1,954	1,903	1,853	2,136
352	Farm machinery and equipment....	1,788	1,867	1,882	1,841	-4.2	-0.8	+2.2	1,835	1,908	1,953	1,845	1,869
353	Construction, mining, and material handling equipment....	5,864	6,099	6,235	6,272	-3.9	-2.2	-0.6	5,946	6,136	6,235	6,222	6,791
354	Metalworking machinery.....	2,736	2,874	2,936	2,817	-4.8	-2.1	+4.2	2,728	2,842	2,921	2,792	2,711
356	General industrial machinery....	3,282	3,366	3,366	3,483	-2.5	0.0	-3.4	3,318	3,373	3,386	3,500	3,539
357	Office and computing machines...	11,856	11,964	12,034	12,092	-0.9	-0.6	-0.5	11,797	11,773	11,902	11,850	13,108
36	Electrical machinery.....	33,715	33,544	33,452	33,617	+0.5	+0.3	-0.5	34,075	33,593	33,285	33,088	34,124
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	4,221	4,253	4,204	4,289	-0.8	+1.2	-2.0	4,245	4,215	4,173	4,208	4,522
363	Household appliances.....	2,317	2,308	2,279	2,255	+0.4	+1.3	+1.1	2,475	2,389	2,302	2,223	2,702
365	Radio and TV.....	1,455	1,429	1,365	1,330	+1.8	+4.7	+2.6	1,446	1,372	1,312	1,262	1,377
366	Communication equipment.....	14,847	14,641	14,680	14,718	+1.4	-0.3	-0.3	14,936	14,740	14,647	14,577	14,100
367	Electronic components.....	5,917	5,919	5,945	6,037	0.0	-0.4	-1.5	5,941	5,913	5,927	5,940	6,530
37	Transportation equipment.....	50,060	49,896	48,931	49,232	+0.3	+2.0	-0.6	50,185	50,296	49,373	48,850	48,194
371	Motor vehicles and parts.....	11,281	11,264	11,355	11,301	+0.2	-0.8	+0.5	11,251	11,372	11,581	11,463	11,223
372,6	Aircraft, missiles, and parts...	35,491	35,365	34,443	34,747	+0.4	+2.7	-0.9	35,684	35,623	34,554	34,145	33,945
3731,95	Shipbuilding and military tank vehicles.....	1,624	1,605	1,510	1,517	+1.2	+6.3	-0.5	1,622	1,608	1,525	1,507	1,389
38	Instruments and related products..	9,436	9,513	9,535	9,613	-1.0	0.0	-0.8	9,560	9,508	9,459	9,480	9,837
381-4	Scientific and engineering instruments.....	6,608	6,701	6,718	6,799	-1.4	-0.3	-1.2	6,707	6,701	6,678	6,724	7,047
386	Photographic goods.....	2,224	2,219	2,203	2,217	+0.2	+0.7	-0.6	2,237	2,195	2,179	2,157	2,147
24,25, 39	All other durable goods.....	14,669	14,621	14,729	14,533	+0.3	-0.7	+1.3	14,716	14,721	14,867	14,479	15,056
	Nondurable goods industries.....	91,407	91,238	91,592	91,839	+0.2	-0.4	-0.3	91,942	91,217	91,992	92,068	94,104
	With unfilled orders.....	23,437	23,439	23,386	23,203	0.0	+0.2	+0.8	23,765	23,453	23,311	22,862	24,264
20	Food and kindred products.....	21,340	20,948	20,998	20,944	+1.9	-0.2	+0.3	20,774	20,615	21,192	21,519	20,971
201	Meat products.....	2,094	2,135	2,216	2,293	-1.9	-3.7	-3.4	2,224	2,191	2,285	2,323	2,303
208	Beverages.....	3,426	3,362	3,405	3,385	+1.9	-1.3	+0.6	3,325	3,463	3,311	3,446	3,578
207	Fats and oils.....	981	1,056	1,052	1,104	-7.1	+0.4	-4.7	965	1,084	1,156	1,254	1,197
203-6,9	All other foods.....	13,083	12,701	12,627	12,479	+3.0	+0.6	+1.2	12,272	12,193	12,564	12,816	12,080
21	Tobacco products.....	3,223	3,267	3,316	3,266	-1.3	-1.5	+1.5	3,275	3,345	3,462	3,478	3,526
22	Textile mill products.....	6,596	6,609	6,554	6,477	-0.2	+0.8	+1.2	6,716	6,712	6,654	6,482	7,005
26	Paper and allied products.....	9,799	9,781	9,725	9,806	+0.2	+0.6	-0.8	10,001	9,827	9,707	9,682	9,982
261-3,6	Pulp, paper etc.....	3,907	3,930	3,936	3,939	-0.6	-0.2	-0.1	3,951	3,940	3,929	3,893	3,784
265	Paperboard containers.....	2,291	2,343	2,348	2,378	-2.2	-0.2	-1.3	2,335	2,343	2,315	2,340	2,613
264	All other paper products.....	3,601	3,508	3,441	3,489	+2.7	+1.9	-1.4	3,715	3,544	3,463	3,449	3,585
28	Chemicals and allied products.....	21,518	21,554	21,434	21,549	-0.2	+0.6	-0.5	21,845	21,787	21,707	21,609	21,677
281,6	Industrial chemicals, except pigments.....	6,497	6,544	6,632	6,586	-0.7	-1.3	+0.7	6,568	6,564	6,645	6,619	6,599
283,4	Drugs, soaps, and toiletries....	7,015	6,940	6,837	6,836	+1.1	+1.5	-0.3	7,114	6,933	6,823	6,753	6,893
29	Petroleum and coal products.....	6,300	6,436	6,916	7,326	-2.1	-6.9	-5.6	6,248	6,293	6,886	7,104	7,907
30	Rubber and plastics products.....	6,338	6,449	6,478	6,382	-1.7	-0.4	+1.5	6,610	6,602	6,491	6,307	6,310
23,27, 31	All other nondurable goods.....	16,293	16,194	16,171	16,089	+0.6	+0.1	+0.5	16,473	16,036	15,913	15,687	16,726
	Market categories:												
	Home goods and apparel.....	22,330	22,197	21,936	21,973	+0.6	+1.2	-0.2	22,652	22,116	21,807	21,611	23,132
	Consumer staples.....	34,380	33,798	33,885	33,640	+1.7	-0.3	+0.7	34,048	33,553	34,072	34,098	33,920
	Equipment and defense products, except automotive.....	83,122	83,514	83,634	84,141	-0.5	-0.1	-0.6	83,746	83,883	83,759	83,352	86,025
	Automotive equipment.....	13,604	13,557	13,631	13,558	+0.3	-0.5	+0.5	13,602	13,769	13,982	13,795	13,700
	Construction materials, supplies and intermediate products.....	19,077	18,939	19,007	18,953	+0.7	-0.4	+0.3	19,318	19,272	19,279	18,773	19,606
	Other materials, supplies, and intermediate products.....	106,682	107,566	107,143	108,092	-0.8	+0.4	-0.9	107,821	107,755	107,475	107,400	111,712
	Supplementary series.[2]												
	Capital goods industries.....	96,886	97,253	96,493	97,102	-0.4	+0.8	-0.6	97,513	97,459	96,485	95,840	97,937
	Nondefense.....	69,324	70,173	70,239	70,340	-1.2	-0.1	-0.1	69,772	70,041	70,223	69,623	73,764
	Defense.....	27,562	27,080	26,254	26,762	+1.8	+3.1	-1.9	27,741	27,418	26,262	26,217	24,173
	Household durable goods industries.....	11,179	11,098	10,979	10,935	+0.7	+1.1	+0.4	11,350	11,089	10,968	10,765	11,883

See footnotes at end of table 2.

Table 5. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		Apr. 1986[P]	Mar. 1986[r]	Feb. 1986	Jan. 1986	Mar.- Apr.[P]	Feb.- Mar.[r]	Jan.- Feb.	Apr. 1986[P]	Mar. 1986[r]	Feb. 1986	Jan. 1986	Apr. 1985
	MATERIALS AND SUPPLIES												
	All manufacturing industries..	87,221	86,819	87,405	87,817	+0.5	-0.7	-0.5	87,685	87,088	87,863	88,344	92,316
	Durable goods industries.....	51,785	51,688	51,921	52,317	+0.2	-0.4	-0.8	51,598	51,497	52,006	52,324	55,034
32	Stone, clay, and glass products...	1,754	1,721	1,746	1,754	+1.9	-1.4	-0.5	1,754	1,725	1,747	1,752	1,857
33	Primary metals.....	4,812	4,776	4,950	4,977	+0.8	-3.5	-0.5	4,655	4,680	4,951	5,078	5,555
34	Fabricated metal products.....	7,049	7,159	7,192	7,288	-1.5	-0.5	-1.0	7,110	7,230	7,212	7,286	7,633
35	Machinery, except electrical.....	10,511	10,427	10,785	10,845	+0.8	-3.3	-0.6	10,559	10,374	10,800	10,843	11,957
36	Electrical Machinery.....	7,808	7,911	7,789	7,740	-1.3	+1.6	+0.6	7,888	7,838	7,748	7,721	8,748
37	Transportation equipment.....	11,689	11,552	11,513	11,561	+1.2	+2.1	-2.1	11,644	11,624	11,619	11,446	11,564
38	Instruments and related products..	2,659	2,669	2,656	2,646	-0.4	+0.5	+0.4	2,670	2,663	2,625	2,643	2,783
24,25, 39	All other durable goods.....	5,503	5,473	5,490	5,528	+0.5	-0.3	-0.7	5,318	5,365	5,504	5,555	5,557
	Nondurable goods industries.....	35,436	35,131	35,484	35,500	+0.9	-1.0	0.0	35,887	35,571	35,857	36,020	36,862
20	Food and kindred products.....	7,557	7,297	7,324	7,428	+3.6	-0.4	-1.4	7,670	7,492	7,583	7,780	7,731
21	Tobacco products.....	2,650	2,760	2,740	2,737	-4.0	+0.7	+0.1	2,736	2,834	2,888	2,976	3,000
22	Textile mill products.....	2,135	2,094	2,073	2,048	+2.0	+1.0	+1.2	2,171	2,145	2,091	2,057	2,163
26	Paper and allied products.....	4,896	4,912	4,882	4,819	-0.3	+0.6	+1.3	4,936	4,921	4,854	4,784	4,856
28	Chemicals and allied products.....	7,869	7,727	7,926	7,947	+1.8	-2.5	-0.3	7,941	7,813	7,963	8,007	8,316
29	Petroleum and coal products.....	1,874	1,884	2,088	2,073	-0.5	-9.8	+0.7	1,927	1,883	2,044	2,062	2,044
30	Rubber and plastics products.....	2,289	2,352	2,301	2,260	-2.7	+2.2	+1.8	2,328	2,342	2,271	2,255	2,071
23,27, 31	All other nondurable goods.....	6,166	6,105	6,150	6,188	+1.0	-0.7	-0.6	6,178	6,141	6,163	6,099	6,681
	WORK IN PROCESS												
	All manufacturing industries..	104,533	105,144	104,310	104,627	-0.6	+0.8	-0.3	105,305	105,553	104,576	103,641	104,702
	Durable goods industries.....	90,769	91,236	90,125	90,477	-0.5	+1.2	-0.4	91,407	91,696	90,458	89,679	90,188
32	Stone, clay, and glass products...	728	768	751	784	-5.2	+2.3	-4.2	760	806	791	776	835
33	Primary metals.....	7,013	7,282	7,043	7,002	-3.7	+3.4	+0.6	7,056	7,216	7,065	7,087	7,920
34	Fabricated metal products.....	6,967	6,832	6,842	6,929	+2.0	-0.1	-1.3	7,103	6,948	6,867	6,767	6,891
35	Machinery, except electrical.....	15,768	16,087	16,109	16,288	-2.0	-0.1	-1.1	15,873	16,070	16,133	16,204	16,680
36	Electrical Machinery.....	19,767	19,556	19,568	19,729	+1.1	-0.1	-0.8	19,892	19,612	19,505	19,425	18,555
37	Transportation equipment.....	33,229	33,294	32,452	32,445	-0.2	+2.6	0.0	33,367	33,601	32,726	32,188	31,405
38	Instruments and related products..	3,975	4,033	3,949	4,045	-1.4	+2.1	-2.4	4,026	4,049	3,944	3,974	4,246
24,25, 39	All other durable goods.....	3,322	3,384	3,411	3,255	-1.8	-0.8	+4.8	3,330	3,194	3,429	3,258	3,656
	Nondurable goods industries.....	13,764	13,908	14,185	14,150	-1.0	-2.0	+0.2	13,898	13,857	14,118	13,962	14,514
20	Food and kindred products.....	1,668	1,666	1,632	1,638	+0.1	+2.1	-0.4	1,669	1,692	1,683	1,689	1,667
21	Tobacco products.....	289	225	241	219	+29.6	-14.6	+10.2	224	208	258	196	195
22	Textile mill products.....	1,930	1,932	1,896	1,827	-0.1	+1.9	+3.8	1,947	1,950	1,933	1,866	1,979
26	Paper and allied products.....	1,117	1,122	1,117	1,144	-0.4	+0.4	-2.4	1,115	1,110	1,104	1,118	1,134
28	Chemicals and allied products.....	3,369	3,377	3,389	3,538	-0.2	+0.2	-4.8	3,387	3,387	3,375	3,473	3,566
29	Petroleum and coal products.....	892	951	1,140	1,085	-6.2	-16.6	+5.1	932	966	1,092	1,043	1,322
30	Rubber and plastics products.....	1,170	1,221	1,263	1,236	-4.2	-3.3	+2.2	1,195	1,211	1,235	1,226	1,155
23,27, 31	All other nondurable goods.....	3,329	3,416	3,507	3,463	-2.5	-2.6	+1.3	3,419	3,353	3,438	3,371	3,496
	FINISHED GOODS												
	All manufacturing industries..	87,441	87,608	87,521	87,913	-0.2	+0.1	-0.4	88,397	87,727	87,935	87,044	91,077
	Durable goods industries.....	45,236	45,409	45,598	45,724	-0.4	-0.4	-0.3	46,240	45,938	45,918	44,958	48,169
32	Stone, clay, and glass products...	3,058	3,087	3,049	3,080	-0.9	+1.2	-1.0	3,181	3,177	3,149	3,031	3,193
33	Primary metals.....	5,174	5,162	5,288	5,337	+0.2	-2.4	-0.9	5,377	5,275	5,326	5,214	5,910
34	Fabricated metal products.....	4,975	4,935	4,851	4,953	+0.8	+1.7	-2.1	5,102	4,999	4,961	4,961	5,116
35	Machinery, except electrical.....	12,099	12,503	12,391	12,308	-3.2	+0.9	+0.7	12,170	12,515	12,396	12,085	13,233
36	Electrical Machinery.....	6,140	6,077	6,095	6,148	+1.0	-0.3	-0.9	6,295	6,163	6,032	5,942	6,821
37	Transportation equipment.....	5,162	5,050	5,166	5,226	+1.8	-2.2	-1.1	5,174	5,071	5,230	5,216	5,225
38	Instruments and related products..	2,802	2,831	2,930	2,922	-1.0	-3.4	+0.3	2,864	2,796	2,890	2,863	2,808
24,25, 39	All other durable goods.....	5,844	5,764	5,828	5,750	+1.4	-1.1	+1.4	6,068	5,962	5,934	5,666	5,843
	Nondurable goods industries.....	42,207	42,199	41,923	42,189	0.0	+0.7	-0.6	42,157	41,789	42,017	42,086	42,728
20	Food and kindred products.....	12,115	11,985	12,042	11,878	+1.1	-0.5	+1.4	11,435	11,431	11,928	12,050	11,573
21	Tobacco products.....	284	284	315	310	0.0	-9.8	+1.6	315	303	318	306	331
22	Textile mill products.....	2,531	2,583	2,585	2,602	-2.0	-0.1	-0.7	2,598	2,617	2,630	2,579	2,863
26	Paper and allied products.....	3,786	3,747	3,726	3,843	+1.0	+0.6	-3.0	3,950	3,796	3,749	3,780	3,992
28	Chemicals and allied products.....	10,280	10,450	10,139	10,084	-1.6	+3.1	+0.7	10,507	10,587	10,369	10,129	9,795
29	Petroleum and coal products.....	3,534	3,601	3,688	4,168	-1.9	-2.4	-11.5	3,389	3,464	3,730	4,199	4,541
30	Rubber and plastics products.....	2,879	2,876	2,914	2,886	+0.1	-1.3	+1.0	3,087	3,049	2,985	2,826	3,084
23,27, 31	All other nondurable goods.....	6,798	6,673	6,514	6,438	+1.9	+2.4	+1.2	6,876	6,542	6,312	6,217	6,569

[P]Preliminary. [r]Revised.

Table 6. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP

(Based on seasonally adjusted data)

SIC Code	Industry	Inventory/shipments ratio				Unfilled orders/shipments ratio[1]			
		Apr. 1986[p]	Mar. 1986[r]	Feb. 1986[r]	Jan. 1986[r]	Apr. 1986[p]	Mar. 1986[r]	Feb. 1986[r]	Jan. 1986[r]
	All manufacturing industries	1.43	1.46	1.42	1.41	3.42	3.50	3.43	3.43
	Durable goods industries	1.77	1.83	1.78	1.78	4.17	4.27	4.17	4.20
32	Stone, clay, and glass products	1.12	1.17	1.13	1.08	0.62	0.66	0.63	0.58
33	Primary metals	1.68	1.75	1.70	1.71	1.98	2.10	2.04	2.00
34	Fabricated metal products	1.52	1.58	1.52	1.52	1.46	1.53	1.51	1.50
35	Machinery, except electrical	2.15	2.25	2.32	2.35	3.37	3.52	3.68	3.68
36	Electrical machinery	2.19	2.07	2.11	2.27	5.43	5.17	5.23	5.58
37	Transportation equipment	1.82	1.99	1.75	1.73	10.72	11.58	10.38	10.52
38	Instruments and related products	2.01	2.08	2.03	1.99	1.81	1.86	1.86	1.82
	Nondurable goods industries	1.03	1.03	1.01	0.99	0.48	0.50	0.50	0.48
20	Food and kindred products	0.86	0.85	0.84	0.81	(X)	(X)	(X)	(X)
21	Tobacco products	2.05	1.52	1.84	3.00	(X)	(X)	(X)	(X)
22	Textile mill products	1.46	1.54	1.47	1.42	(NA)	(NA)	(NA)	(NA)
26	Paper and allied products	1.12	1.16	1.13	1.13	(NA)	(NA)	(NA)	(NA)
28	Chemicals and allied products	1.18	1.26	1.18	1.17	(X)	(X)	(X)	(X)
29	Petroleum and coal products	0.52	0.50	0.50	0.47	(X)	(X)	(X)	(X)
30	Rubber and plastics products	1.61	1.64	1.62	1.58	(X)	(X)	(X)	(X)

[p]Preliminary. [r]Revised. (X) Not applicable. (NA) Not available.

[1]Excludes the following industries with no unfilled orders: Wood and lumber products; glass containers; metal cans, barrels, and drums; farm machinery and equipment; motor vehicle assembly operations; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.

Table 7. AVERAGE REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES

(Based on seasonally adjusted data)

SIC Code	Industry	Shipments			New orders			Unfilled orders			Inventories		
		Year ago Apr. 1985	All Aprs. 1981-1985	Apr. 1985-Mar. 1986	Year ago Apr. 1985	All Aprs. 1981-1985	Apr. 1985-Mar. 1986	Year ago Apr. 1985	All Aprs. 1981-1985	Apr. 1985-Mar. 1986	Year ago Apr. 1985	All Aprs. 1981-1985	Apr. 1985-Mar. 1986
	All manufacturing industries	0.0	0.1	0.2	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
	Durable goods industries	0.1	0.3	0.3	0.5	0.4	0.3	0.1	0.1	0.1	0.0	0.1	0.1
32	Stone, clay, and glass products	0.5	0.5	1.0	0.0	0.6	1.1	1.1	1.4	0.8	0.2	0.3	0.3
33	Primary metals	1.8	0.6	1.0	1.9	1.3	1.1	0.1	0.1	0.5	0.1	0.1	0.2
34	Fabricated metal products	0.4	1.0	0.6	0.2	1.4	1.0	0.1	0.2	0.5	0.4	0.4	0.6
35	Machinery, except electrical	0.3	0.6	0.6	0.6	1.7	0.9	0.3	0.4	0.2	0.1	0.2	0.2
36	Electrical machinery	0.1	0.2	0.9	1.3	0.5	1.5	0.2	0.1	0.2	0.3	0.3	0.2
37	Transportation equipment	0.3	1.1	0.4	0.3	2.3	0.9	0.1	0.2	0.1	0.1	0.1	0.1
38	Instruments and related products	0.9	0.8	1.0	2.4	1.3	1.3	0.8	0.7	0.5	0.1	0.3	0.4
	Nondurable goods industries	0.1	0.1	0.3	0.0	0.2	0.3	0.6	0.6	0.5	0.4	0.2	0.2
20	Food and kindred products	0.7	0.7	0.7	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.5	0.2
21	Tobacco products	0.0	0.1	0.5	(X)	(X)	(X)	(X)	(X)	(X)	0.0	0.1	0.1
22	Textile mill products	1.1	0.9	1.4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.2	0.5	0.9
26	Paper and allied products	0.4	1.2	0.6	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.9	0.4	0.3
28	Chemicals and allied products	0.2	0.5	0.6	(X)	(X)	(X)	(X)	(X)	(X)	0.6	0.7	0.4
29	Petroleum and coal products	0.0	0.3	0.9	(X)	(X)	(X)	(X)	(X)	(X)	0.4	0.8	0.8
30	Rubber and plastics products	1.2	1.1	1.1	(X)	(X)	(X)	(X)	(X)	(X)	0.6	0.3	0.7
	Capital Goods Industries:												
	Nondefense	0.4	0.4	0.6	0.7	1.4	0.7	0.2	0.1	0.1	0.0	0.1	0.1
	Defense	1.2	0.7	0.9	0.8	1.3	2.2	0.1	0.1	0.1	0.8	0.3	0.3

(X) Not Applicable (NA) Not available.

Note: The revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences for the durable goods industries are shown in the advance report for the month.

U.S. Department of Commerce
BUREAU OF THE CENSUS
Washington, D.C. 20233

Official Business
Penalty for Private Use, $300

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE
COM-202

First Class Mail

M 3-1(86)-5

CURRENT INDUSTRIAL REPORTS

Manufacturers' Shipments, Inventories, and Orders

MAY 1986

M3-1(86)-5

U.S. Department of Commerce
BUREAU OF THE CENSUS

For Wire Transmission 10:00 a.m. E.D.T. Wednesday, July 2, 1986

NEWARK PUBLIC LIBRARY

(All Figures in text are in seasonally adjusted current dollars)

AUG 6 1986

U. S. GOVT. PUBS.
DEPOSITORY

SUMMARY. New orders for manufactured goods in May were $193.0 billion, virtually the same as in March and April, and 4.1 percent lower than the high in December of $201.2 billion. Both the durable and nondurable goods sectors in May showed little change from April.

Shipments of manufactured goods in May declined $2.7 billion or 1.4 percent to $193.4 billion. Except for a 2.7 percent increase in April, shipments have been declining since the high in November of $200.1 billion. Durable goods shipments in May were down 2.3 percent, while nondurables showed a smaller decline of 0.2 percent.

Unfilled orders held by manufacturers at the end of May were $367.1 billion showing little change from April; the high was in March at $370.5 billion.

Manufacturers' inventories declined $0.9 billion or 0.3 percent in May to $278.4 billion. Inventories have been generally declining since March 1985. The inventory to shipments ratio in May was 1.44 up from 1.42 in April, as the decline in shipments was proportionally larger than the decline in inventories.

NEW ORDERS. New orders in the durable goods sector were down $0.1 billion or 0.1 percent to $103.6 billion, revised down from the 0.4 percent increase reported earlier. Excluding defense capital goods which increased 36.6 percent, durable goods orders were down 2.6 percent.

Within the major industry categories, transportation equipment increased $1.9 billion or 7.2 percent to $28.4 billion, reflecting large defense orders in aircraft and shipbuilding. Offsetting the transportation equipment increase were declines in primary metals of $0.8 billion or 7.9 percent to $8.9 billion, electrical machinery $0.7 billion or 4.7 percent to $14.7 billion, fabricated metals $0.4 billion or 2.8 percent to $14.2 billion, and nonelectrical machinery $0.3 billion or 1.8 percent to $16.5 billion.

There was no change in nondurable goods orders as a large decline in chemicals of $1.1 billion was offset by increases in most of the other categories.

SHIPMENTS. The decrease in durable goods shipments of 2.3 percent reflected widespread declines, the largest of which were in nonelectrical machinery, down $1.1 billion or 6.1 percent to $16.8 billion, and transportation equipment, down $0.8 billion or 3.1 percent to $26.7 billion. The declines in nonelectrical reflected declines in nearly all component categories; the decline in transportation equipment resulted as a $1.1 billion decline in motor vehicles and parts was partially offset by small increases in most of the other categories.

Shipments within the nondurable goods industries showed mixed patterns of change. Chemical products declined $1.1 billion or 6.0 percent to $17.3 billion, offsetting the April increase of $1.3 billion. Partially offsetting the chemical decline were increases in tobacco products, up $0.5 billion, and foods products, up $0.4 billion.

UNFILLED ORDERS. Unfilled orders for durable goods in May were down 0.1 percent; excluding defense capital goods the backlog declined 0.9 percent. Unfilled orders for transportation equipment were up $1.7 billion or 1.1 percent to $161.3 billion. More than offsetting this increase were declines in primary metals of $1.0 billion or 5.0 percent, electrical machinery of $0.8 billion or 0.9 percent and nonelectrical machinery of $0.3 billion or 0.6 percent.

INVENTORIES. Inventories in the durable goods sector in May declined $0.5 billion or 0.3 percent to $187.5 billion. The largest declines were in nonelectrical machinery, and fabricated metals, down $0.3 billion and $0.2 billion respectively, and the largest increase in electrical machinery, up $0.2 billion. Nondurable goods inventories were down $0.4 billion or 0.5 percent to $90.9 billion, with the largest declines in foods and apparel.

By stage of fabrication, inventories of materials and supplies were down 0.7 percent, work in process 0.2 percent, and finished goods 0.1 percent.

SCHEDULED RELEASE DATES. The advance report on durable goods for June is scheduled for release on July 23, 1986 at 8:30 a.m. and the full report on July 31, 1986 at 10:00 a.m.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Ruth Runyan or Kathleen Menth, (301) 763-2502.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. This press release is also available on the date of issue through the Census Bureau's online information service-CENDATA™. The online version of the report can be read from a terminal screen, printed on- or off-line, or copied to a computer file for future use. CENDATA is available from Dialog Information Services, Inc. (800/334-2564). Further information about accessing CENDATA can be obtained from Dialog. The CENDATA Staff at the Bureau of the Census (301/763-2074) can provide content information and general guidance, or write for a brochure to CENDATA, DUSD, Bureau of the Census, Washington, DC 20233.

C 3.158:

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted				Percent change			Not seasonally adjusted[1]					
		Monthly							Monthly				Year to date	
		May 1986P	Apr. 1986r	Mar. 1986	Feb. 1986	Apr.-MayP	Mar.-Apr.r	Feb.-Mar.	May 1986P	Apr. 1986r	Mar. 1986	Feb. 1986	1986P	1985
	All manufacturing industries	193,443	196,132	191,051	196,274	-1.4	+2.7	-2.7	196,133	197,446	200,540	196,648	972,930	984,249
	Manufacturing industries with unfilled orders	106,439	108,249	105,851	107,438	-1.7	+2.3	-1.5	107,614	108,627	111,740	107,752	532,377	519,312
	Durable goods industries	104,089	106,592	102,693	105,545	-2.3	+3.8	-2.7	106,891	108,655	109,751	105,708	525,884	512,118
	With unfilled orders	84,520	86,212	84,147	85,660	-2.0	+2.5	-1.8	85,795	86,667	89,521	85,820	423,755	415,835
32	Stone, clay, and glass products	4,977	5,108	4,784	4,901	-2.6	+6.8	-2.4	5,144	5,171	4,841	4,563	24,128	23,109
322	Glass containers	412	457	401	442	-9.8	+14.0	-9.3	431	465	432	412	2,123	1,979
33	Primary metals	9,875	10,122	9,833	10,159	-2.4	+2.9	-3.2	10,286	10,621	10,691	10,509	51,922	53,989
331	Blast furnaces, steel mills	4,071	4,123	3,926	4,173	-1.3	+5.0	-5.9	4,185	4,342	4,299	4,369	21,348	22,593
333-9	Nonferrous and other primary metals	4,666	4,730	4,762	4,736	-1.4	-0.7	+0.5	4,843	4,929	5,153	4,873	24,286	25,108
34	Fabricated metal products	14,353	14,553	13,733	14,300	-1.4	+6.0	-4.0	14,765	14,754	14,362	14,116	70,774	67,239
341	Metal cans, barrels, and drums	989	981	846	870	+0.8	+16.0	-2.8	1,025	962	840	846	4,458	4,563
35	Machinery, except electrical	16,832	17,932	17,377	16,939	-6.1	+3.2	+2.6	16,946	17,666	18,846	17,064	85,353	87,741
351	Engines and turbines	1,199	1,228	1,398	1,177	-2.4	-12.2	+18.8	1,229	1,275	1,598	1,230	6,394	6,268
352	Farm machinery and equipment	808	943	835	755	-14.3	+12.9	+10.6	912	1,055	980	781	4,560	4,600
353	Construction, mining, and material handling equipment	2,882	3,179	3,066	2,908	-9.3	+3.7	+5.4	2,960	3,122	3,066	2,981	14,856	13,781
354	Metalworking machinery	851	838	903	866	+1.6	-7.2	+4.3	830	825	992	895	4,281	4,146
356	General industrial machinery	1,377	1,673	1,414	1,442	-17.7	+18.3	-1.9	1,396	1,608	1,471	1,478	7,343	6,965
357	Office and computing machines	3,990	4,010	4,099	3,675	-0.5	-2.2	+11.5	3,679	3,513	4,554	3,410	17,735	21,468
36	Electrical machinery	15,512	15,539	16,187	15,819	-0.2	-4.0	+2.3	15,496	15,549	17,024	15,887	77,570	74,605
361,2	Electrical transmission and distribution equipment and industrial apparatus	2,079	2,038	2,230	2,066	+2.0	-8.6	+7.9	2,072	2,048	2,420	2,118	10,525	10,001
363	Household appliances	1,408	1,405	1,385	1,340	+0.2	+1.4	+3.4	1,423	1,416	1,452	1,343	6,918	6,926
365	Radio and TV	947	1,021	1,043	1,014	-7.2	-2.1	+2.9	867	905	1,054	973	4,697	4,333
366	Communication equipment	5,081	5,077	5,477	5,427	+0.1	-7.3	+0.9	5,136	5,188	5,875	5,365	25,856	24,731
367	Electronic components	3,241	3,273	3,432	3,263	-1.0	-4.6	+5.2	3,316	3,401	3,538	3,341	16,498	16,794
37	Transportation equipment	26,670	27,517	25,030	27,962	-3.1	+9.9	-10.5	28,282	28,953	27,533	28,381	139,010	132,064
371	Motor vehicles and parts	17,010	18,080	16,112	18,461	-5.9	+12.2	-12.7	18,593	19,478	17,879	18,891	93,021	89,007
372,6	Aircraft, missiles, and parts	8,132	7,882	7,462	7,942	+3.2	+5.6	-6.0	8,094	7,796	7,995	7,843	38,074	34,454
3731,95	Shipbuilding and military tank vehicles	712	702	690	715	+1.4	+1.7	-3.5	717	673	720	717	3,422	4,165
38	Instruments and related products	4,642	4,613	4,591	4,696	+0.6	+0.5	-2.2	4,563	4,446	4,832	4,556	22,780	22,889
381-4	Scientific and engineering instruments	3,085	3,058	2,960	3,047	+0.9	+3.3	-2.9	3,014	2,957	3,182	3,007	15,138	15,118
386	Photographic goods	1,388	1,378	1,467	1,463	+0.7	-6.1	+0.3	1,374	1,306	1,468	1,365	6,756	6,819
24,25, 39	All other durable goods	11,228	11,208	11,158	10,769	+0.2	+0.4	+3.6	11,409	11,495	11,622	10,632	54,347	50,482
	Nondurable goods industries	89,354	89,540	88,358	90,729	-0.2	+1.3	-2.6	89,242	88,791	90,789	90,940	447,046	452,131
	With unfilled orders	21,919	22,037	21,704	21,778	-0.5	+1.5	-0.3	21,819	21,960	22,219	21,932	108,622	103,477
20	Food and kindred products	25,719	25,279	24,764	24,933	+1.7	+2.1	-0.7	25,634	24,635	25,646	25,008	124,595	122,735
201	Meat products	5,403	5,578	5,435	5,459	-3.1	+2.6	-0.4	5,479	5,377	5,359	5,350	26,874	28,013
208	Beverages	4,035	4,005	3,925	3,846	+0.7	+2.0	+2.1	4,321	4,189	3,898	3,592	19,449	18,244
207	Fats and oils	1,133	1,038	1,044	1,126	+9.2	-0.6	-7.3	1,121	994	1,069	1,123	5,391	5,837
203-6,9	All other foods	11,790	11,462	11,122	11,317	+2.9	+3.1	-1.7	11,295	10,889	12,056	11,758	56,773	54,485
21	Tobacco products	2,077	1,570	2,155	1,800	+32.3	-27.1	+19.7	2,004	1,542	2,069	1,627	8,232	7,744
22	Textile mill products	4,333	4,487	4,299	4,452	-3.4	+4.4	-3.4	4,406	4,454	4,708	4,443	21,970	21,276
26	Paper and allied products	8,877	8,917	8,462	8,637	-0.4	+5.4	-2.0	8,910	8,989	8,819	8,906	44,046	40,917
261-3,6	Pulp, paper etc.	3,694	3,745	3,587	3,617	-1.4	+4.4	-0.8	3,779	3,821	3,770	3,728	18,595	17,751
265	Paperboard containers	1,801	1,837	1,730	1,805	-2.0	+6.2	-4.2	1,801	1,843	1,806	1,834	9,051	9,317
264	All other paper products	3,382	3,335	3,145	3,215	+1.4	+6.0	-2.2	3,330	3,325	3,243	3,344	16,400	13,849
28	Chemicals and allied products	17,254	18,363	17,068	18,185	-6.0	+7.6	-6.1	17,895	19,016	18,565	18,403	91,375	91,054
281,6	Industrial chemicals, except pigments	5,675	5,876	5,708	5,915	-3.4	+2.9	-3.5	5,766	6,111	6,187	6,146	29,837	30,069
283,4	Drugs, soaps, and toiletries	5,081	5,105	4,767	5,233	-0.5	+7.1	-8.9	4,807	4,722	5,063	5,160	24,817	22,199
29	Petroleum and coal products	12,398	12,344	12,798	13,955	+0.4	-3.5	-8.3	12,343	12,029	12,320	13,721	65,991	78,646
30	Rubber and plastics products	4,048	4,016	3,921	4,005	+0.8	+2.4	-2.1	4,040	4,078	3,926	3,976	19,751	20,364
23,27, 31	All other nondurable goods	14,648	14,564	14,891	14,762	+0.6	-2.2	+0.9	14,010	14,048	14,736	14,856	71,086	69,395
	Market categories:													
	Home goods and apparel	13,419	13,362	13,528	13,551	+0.4	-1.2	-0.2	12,779	12,816	14,069	13,748	64,935	63,058
	Consumer staples	36,924	35,920	35,765	35,870	+2.8	+0.4	-0.3	36,471	35,049	36,686	35,554	176,959	169,874
	Equipment and defense products, except automotive	29,770	30,384	30,412	29,793	-2.0	-0.1	+2.1	29,682	29,832	32,561	29,495	146,788	145,835
	Automotive equipment	18,804	19,899	17,822	20,287	-5.5	+11.7	-12.2	20,515	21,553	19,765	20,676	102,447	98,985
	Construction materials, supplies and intermediate products	18,522	18,765	17,969	17,679	-1.3	+4.4	+1.6	19,176	19,082	18,208	16,692	88,313	81,457
	Other materials, supplies, and intermediate products	76,004	77,802	75,555	79,094	-2.3	+3.0	-4.5	77,510	79,114	79,251	80,483	393,488	405,040
	Supplementary series:[2]													
	Capital goods industries	34,163	34,688	34,383	34,145	-1.5	+0.9	+0.7	33,997	34,048	36,827	34,056	167,416	163,509
	Nondefense	26,642	27,355	27,304	26,564	-2.6	+0.2	+2.8	26,455	26,730	29,364	26,533	131,353	131,188
	Defense	7,521	7,333	7,079	7,581	+2.6	+3.6	-6.6	7,542	7,318	7,463	7,523	36,063	32,321
	Household durable goods industries	6,704	6,689	6,838	6,720	+0.2	-2.2	+1.8	6,531	6,586	7,246	6,699	32,761	31,415

See footnotes at end of table 2.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]					
		Monthly				Percent change			Monthly				Year to date	
		May 1986P	Apr. 1986r	Mar. 1986	Feb. 1986	Apr.-May P	Mar.-Apr. r	Feb.-Mar.	May 1986P	Apr. 1986r	Mar. 1986	Feb. 1986	1986P	1985
	All manufacturing industries	193,035	193,151	192,996	198,559	-0.1	+0.1	-2.8	192,701	194,594	205,866	201,355	983,004	970,854
	Manufacturing industries with unfilled orders	106,031	105,268	107,796	109,723	+0.7	-2.3	-1.8	104,182	105,775	117,066	112,459	542,451	525,916
	Durable goods industries	103,638	103,747	104,682	107,545	-0.1	-0.9	-2.7	103,443	105,748	115,035	110,155	535,415	518,444
	With unfilled orders	84,069	83,367	86,136	87,660	+0.8	-3.2	-1.7	82,347	83,760	94,805	90,267	433,286	422,161
32	Stone, clay, and glass products	4,896	4,998	4,832	4,946	-2.0	+3.4	-2.3	5,111	5,075	4,911	4,703	24,286	23,298
33	Primary metals	8,861	9,625	9,762	10,614	-7.9	-1.4	-8.0	8,800	9,577	11,019	11,693	52,332	55,513
331	Blast furnaces, steel mills	3,452	3,918	4,110	4,516	-11.9	-4.7	-9.0	3,318	3,757	4,785	5,129	21,611	23,517
333-9	Nonferrous and other primary metals	4,222	4,263	4,463	4,825	-1.0	-4.5	-7.5	4,253	4,340	4,949	5,248	23,999	25,396
34	Fabricated metal products	14,249	14,653	13,141	14,274	-2.8	+11.5	-7.9	14,738	14,708	14,168	14,339	70,673	67,112
35	Machinery, except electrical	16,492	16,800	16,081	18,277	-1.8	+4.5	-12.0	16,673	16,739	17,542	18,482	83,746	89,348
351	Engines and turbines	1,115	1,253	1,095	1,383	-11.0	+14.4	-20.8	1,239	1,216	1,301	1,497	6,304	5,513
353	Construction, mining, and material handling equipment	2,755	2,970	2,778	2,777	-7.2	+6.9	0.0	2,832	2,859	2,798	2,898	14,081	13,832
354	Metalworking machinery	897	854	877	799	+5.0	-2.6	+9.8	886	837	936	836	4,244	4,675
356	General industrial machinery	1,498	1,592	1,393	1,430	-5.9	+14.3	-2.6	1,510	1,538	1,442	1,508	7,387	6,898
357	Office and computing machines	3,765	3,136	3,514	5,014	+20.1	-10.8	-29.9	3,642	3,013	3,932	4,535	16,886	23,410
36	Electrical machinery	14,734	15,467	17,066	15,704	-4.7	-9.4	+8.7	14,901	15,037	18,457	16,672	79,891	79,269
361,2	Electrical transmission and distribution equipment and industrial apparatus	1,996	1,907	2,156	1,941	+4.7	-11.5	+11.1	1,948	1,944	2,374	2,103	10,382	10,118
363	Household appliances	1,433	1,401	1,365	1,291	+2.3	+2.6	+5.7	1,466	1,418	1,455	1,279	6,950	6,974
365	Radio and TV	853	1,143	1,148	921	-25.4	-0.4	+24.6	1,016	846	1,034	992	4,735	4,517
366	Communication equipment	4,649	5,086	6,243	5,745	-8.6	-18.5	+8.7	4,522	4,654	7,164	6,117	27,984	30,316
367	Electronic components	2,991	3,145	3,518	3,071	-4.9	-10.6	+14.6	3,217	3,526	3,736	3,391	16,608	15,526
37	Transportation equipment	28,414	26,497	28,496	28,458	+7.2	-7.0	+0.1	26,976	28,526	32,517	29,122	146,473	129,153
372,6	Aircraft, missiles, and parts	10,116	7,169	8,238	8,720	+41.1	-13.0	-5.5	7,491	7,762	10,502	8,709	44,713	33,573
3731,95	Shipbuilding and military tank vehicles	680	377	3,062	239	+80.4	-87.7	+1181.2	432	397	2,983	459	4,247	2,699
38	Instruments and related products	4,759	4,539	4,394	4,606	+4.8	+3.3	-4.6	4,621	4,355	4,717	4,500	22,742	23,125
24,25, 39	All other durable goods	11,233	11,168	10,910	10,666	+0.6	+2.4	+2.3	11,623	11,731	11,704	10,644	55,272	51,626
	Nondurable goods industries	89,397	89,404	88,314	91,014	0.0	+1.2	-3.0	89,258	88,846	90,831	91,200	447,589	452,410
	With unfilled orders	21,962	21,901	21,660	22,063	+0.3	+1.1	-1.8	21,835	22,015	22,261	22,192	109,165	103,755
	Market categories:													
	Home goods and apparel	13,235	13,249	13,534	13,549	-0.1	-2.1	-0.1	13,026	12,868	14,308	13,924	66,154	64,160
	Consumer staples	36,872	35,946	35,858	35,916	+2.6	+0.2	-0.2	36,385	35,043	36,746	35,566	176,992	169,888
	Equipment and defense products, except automotive	30,514	29,456	32,463	29,968	+3.6	-9.3	+8.3	28,434	28,610	36,145	30,572	152,207	151,061
	Automotive equipment	18,585	19,835	18,132	20,512	-6.3	+9.4	-11.6	20,092	21,358	19,942	20,848	102,364	98,417
	Construction materials, supplies and intermediate products	18,606	18,635	17,399	17,869	-0.2	+7.1	-2.6	19,333	18,927	17,993	17,122	88,619	81,927
	Other materials, supplies, and intermediate products	75,223	76,030	75,610	80,745	-1.1	+0.6	-6.4	75,431	77,788	80,732	83,323	396,668	405,401
	Supplementary series:[2]													
	Capital goods industries	35,154	32,679	36,987	35,837	+7.6	-11.6	+3.2	32,045	32,417	41,652	36,701	175,410	168,355
	Nondefense	26,276	26,179	26,540	28,637	+0.4	-1.4	-7.3	25,760	25,657	29,225	28,316	131,735	131,179
	Defense	8,878	6,500	10,447	7,200	+36.6	-37.8	+45.1	6,285	6,760	12,427	8,385	43,675	37,176
	Household durable goods industries	6,513	6,641	6,824	6,639	-1.9	-2.7	+2.8	6,742	6,631	7,444	6,836	33,808	32,396

P Preliminary. r Revised.

[1] Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

[2] The supplementary series are regroupings of the separate industry categories: Household durable goods industries includes household furniture; kitchen articles and pottery; cutlery, hand tools, and hardware; household appliances, radio and TV, ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Nondefense capital goods include machinery, except electrical (excluding farm machinery and equipment and machine shops); electrical machinery (excluding household appliances, radio and TV, and electronic components); railroad equipment; and the nondefense portions of ordnance; communication equipment; aircraft and aircraft parts; and shipbuilding, converting and repairing.

Defense capital goods include ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding converting and repairing. The defense data are comparable to those published annually in the MA-175, Shipments to Federal Government Agencies.

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		May 1986P	Apr. 1986r	Mar. 1986	Feb. 1986	Apr.-MayP	Mar.-Apr.r	Feb.-Mar.	May 1986P	Apr. 1986r	Mar. 1986	Feb. 1986	May 1985
	All manufacturing industries..	367,067	367,475	370,456	368,511	-0.1	-0.8	+0.5	371,434	374,866	377,718	372,392	359,545
	Durable goods industries.....	356,292	356,743	359,588	357,599	-0.1	-0.8	+0.6	360,422	363,870	366,777	361,493	349,353
32	Stone, clay, and glass products...	2,682	2,763	2,873	2,825	-2.9	-3.8	+1.7	2,791	2,824	2,920	2,850	2,586
33	Primary metals.....	19,097	20,111	20,608	20,679	-5.0	-2.4	-0.3	19,540	21,026	22,070	21,742	20,028
331	Blast furnaces, steel mills.....	8,876	9,495	9,700	9,516	-6.5	-2.1	+1.9	9,169	10,036	10,621	10,135	9,326
333-9	Nonferrous and other primary metals.....	6,301	6,745	7,212	7,511	-6.6	-6.5	-4.0	6,459	7,049	7,638	7,842	7,404
34	Fabricated metal products.....	19,652	19,756	19,656	20,248	-0.5	+0.5	-2.9	19,856	19,883	19,929	20,123	21,054
35	Machinery, except electrical.....	56,816	57,156	58,288	59,584	-0.6	-1.9	-2.2	57,446	57,719	58,646	59,950	62,579
351	Engines and turbines.....	14,967	15,051	15,026	15,329	-0.6	+0.2	-2.0	14,937	14,927	14,986	15,283	14,407
353	Construction, mining, and material handling equipment....	5,498	5,625	5,834	6,122	-2.3	-3.6	-4.7	5,542	5,670	5,933	6,201	5,943
354	Metalworking machinery.....	3,896	3,850	3,834	3,860	+1.2	+0.4	-0.7	3,841	3,785	3,773	3,829	4,172
356	General industrial machinery....	4,245	4,124	4,205	4,226	+2.9	-1.9	-0.5	4,287	4,173	4,243	4,272	4,594
357	Office and computing machines...	17,516	17,741	18,615	19,200	-1.3	-4.7	-3.0	18,041	18,078	18,578	19,200	22,212
36	Electrical machinery.....	82,758	83,536	83,608	82,729	-0.9	-0.1	+1.1	83,762	84,357	84,869	83,436	82,579
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	5,549	5,632	5,763	5,837	-1.5	-2.3	-1.3	5,598	5,722	5,826	5,872	6,299
363	Household appliances.....	353	328	332	352	+7.6	-1.2	-5.7	389	346	344	341	411
365	Radio and TV.....	498	592	470	365	-15.9	+26.0	+28.8	476	327	386	406	619
366	Communication equipment.....	59,179	59,611	59,602	58,836	-0.7	0.0	+1.3	59,661	60,275	60,809	59,520	56,134
367	Electronic components.....	15,612	15,862	15,990	15,904	-1.6	-0.8	+0.5	16,080	16,179	16,054	15,856	17,628
37	Transportation equipment.....	161,290	159,546	160,566	157,100	+1.1	-0.6	+2.2	162,638	163,944	164,371	159,387	145,650
372,6	Aircraft, missiles, and parts...	136,918	134,934	135,647	134,871	+1.5	-0.5	+0.6	138,171	138,774	138,808	136,301	119,656
3731,95	Shipbuilding and military tank vehicles.....	18,145	18,177	18,502	16,130	-0.2	-1.8	+14.7	18,412	18,697	18,973	16,710	19,391
38	Instruments and related products..	8,577	8,460	8,534	8,731	+1.4	-0.9	-2.3	8,566	8,508	8,599	8,714	8,550
24,25, 39	All other durable goods.....	5,420	5,415	5,455	5,703	+0.1	-0.7	-4.3	5,823	5,609	5,373	5,291	6,327
	Nondurable goods industries.....	10,775	10,732	10,868	10,912	+0.4	-1.3	-0.4	11,012	10,996	10,941	10,899	10,192
	Market categories:												
	Home goods and apparel.....	4,388	4,572	4,685	4,679	-4.0	-2.4	+0.1	4,837	4,590	4,538	4,299	4,930
	Consumer staples.....	823	875	849	756	-5.9	+3.1	+12.3	766	852	858	798	647
	Equipment and defense products, except automotive.....	231,287	230,543	231,471	229,420	+0.3	-0.4	+0.9	233,679	234,927	236,149	232,565	225,127
	Automotive equipment.....	5,652	5,871	5,935	5,625	-3.7	-1.1	+5.5	5,471	5,894	6,089	5,912	5,921
	Construction materials, supplies and intermediate products.....	12,042	11,958	12,088	12,658	+0.7	-1.1	-4.5	12,282	12,125	12,280	12,495	12,665
	Other materials, supplies, and intermediate products.....	112,875	113,656	115,428	115,373	-0.7	-1.5	0.0	114,399	116,478	117,804	116,323	110,255
	Supplementary series:[2]												
	Capital goods industries.....	280,851	279,860	281,869	279,265	+0.4	-0.7	+0.9	283,534	285,486	287,117	282,292	268,702
	Nondefense.....	132,526	132,892	134,068	134,832	-0.3	-0.9	-0.6	133,084	133,779	134,852	134,991	132,819
	Defense.....	148,325	146,968	147,801	144,433	+0.9	-0.6	+2.3	150,450	151,707	152,265	147,301	135,883
	Household durable goods industries.....	3,834	4,025	4,073	4,087	-4.7	-1.2	-0.3	4,227	4,016	3,971	3,773	4,412

See footnotes at end of table 2.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		May 1986[P]	Apr. 1986[r]	Mar. 1986	Feb. 1986	Apr.-May[P]	Mar.-Apr.[r]	Feb.-Mar.	May 1986[P]	Apr. 1986[r]	Mar. 1986	Feb. 1986	May 1985
	All manufacturing industries..	278,432	279,358	279,571	279,236	-0.3	-0.1	+0.1	280,929	281,358	280,348	280,374	287,400
	Manufacturing industries with unfilled orders.....	195,283	195,686	196,009	195,294	-0.2	-0.2	+0.4	197,751	197,215	196,384	195,408	202,110
	Durable goods industries.....	187,544	188,031	188,333	187,644	-0.3	-0.2	+0.4	189,663	189,491	189,131	188,382	193,692
	With unfilled orders.....	171,923	172,285	172,570	171,908	-0.2	-0.2	+0.4	173,893	173,488	172,931	172,097	177,991
32	Stone, clay, and glass products...	5,555	5,551	5,576	5,546	+0.1	-0.4	+0.5	5,719	5,706	5,706	5,687	6,052
322	Glass containers.....	638	635	661	646	+0.5	-3.9	+2.3	657	651	665	653	629
33	Primary metals.....	16,933	17,036	17,220	17,281	-0.6	-1.1	-0.4	17,086	17,125	17,171	17,342	19,250
331	Blast furnaces, steel mills.....	7,506	7,486	7,578	7,615	+0.3	-1.2	-0.5	7,468	7,344	7,358	7,524	8,576
333-9	Nonferrous and other primary metals.....	8,175	8,273	8,321	8,338	-1.2	-0.6	-0.2	8,322	8,455	8,454	8,471	9,355
34	Fabricated metal products.....	18,898	19,072	18,926	18,885	-0.9	+0.8	+0.2	19,288	19,401	19,177	19,040	19,205
341	Metal cans, barrels, and drums..	2,144	2,210	2,213	2,116	-3.0	-0.1	+4.6	2,412	2,473	2,408	2,249	2,577
35	Machinery, except electrical.....	38,126	38,409	39,017	39,285	-0.7	-1.6	-0.7	38,606	38,641	38,959	39,329	41,806
351	Engines and turbines.....	1,941	1,936	1,965	1,877	+0.3	-1.5	+4.7	1,962	1,957	1,954	1,903	2,195
352	Farm machinery and equipment....	1,758	1,763	1,867	1,882	-0.3	-5.6	-0.8	1,788	1,809	1,908	1,953	1,815
353	Construction, mining, and material handling equipment....	5,850	5,888	6,099	6,235	-0.6	-3.5	-2.2	5,967	5,970	6,136	6,235	6,798
354	Metalworking machinery.....	2,811	2,737	2,874	2,936	+2.7	-4.8	-2.1	2,836	2,729	2,842	2,921	2,757
356	General industrial machinery....	3,245	3,294	3,366	3,366	-1.5	-2.1	0.0	3,290	3,330	3,373	3,386	3,555
357	Office and computing machines...	11,607	11,844	11,964	12,034	-2.0	-1.0	-0.6	11,723	11,785	11,773	11,902	13,039
36	Electrical machinery.....	33,994	33,830	33,544	33,452	+0.5	+0.9	+0.3	34,553	34,189	33,593	33,285	34,527
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	4,195	4,219	4,253	4,204	-0.6	-0.8	+1.2	4,264	4,243	4,215	4,173	4,662
363	Household appliances.....	2,314	2,316	2,308	2,279	-0.1	+0.3	+1.3	2,508	2,473	2,389	2,302	2,665
365	Radio and TV.....	1,577	1,540	1,429	1,365	+2.4	+7.8	+4.7	1,612	1,531	1,372	1,312	1,448
366	Communication equipment.....	15,005	14,859	14,641	14,680	+1.0	+1.5	-0.3	15,119	14,948	14,740	14,647	14,238
367	Electronic components.....	5,967	5,958	5,919	5,945	+0.2	+0.7	-0.4	5,991	5,982	5,913	5,927	6,589
37	Transportation equipment.....	50,123	50,030	49,896	48,931	+0.2	+0.3	+2.0	50,230	50,156	50,296	49,373	48,086
371	Motor vehicles and parts.....	11,209	11,279	11,264	11,355	-0.6	+0.1	-0.8	11,083	11,249	11,372	11,581	10,855
372,6	Aircraft, missiles, and parts...	35,651	35,488	35,365	34,443	+0.5	+0.3	+2.7	35,950	35,681	35,623	34,554	34,201
3731,95	Shipbuilding and military tank vehicles.....	1,599	1,624	1,605	1,510	-1.5	+1.2	+6.3	1,597	1,622	1,608	1,525	1,376
38	Instruments and related products..	9,543	9,463	9,533	9,535	+0.8	-0.7	0.0	9,706	9,587	9,508	9,459	9,847
381-4	Scientific and engineering instruments.....	6,700	6,619	6,701	6,718	+1.2	-1.2	-0.3	6,787	6,718	6,701	6,678	7,042
386	Photographic goods.....	2,217	2,222	2,219	2,203	-0.2	+0.1	+0.7	2,277	2,235	2,195	2,179	2,159
24,25, 39	All other durable goods.....	14,372	14,640	14,621	14,729	-1.8	+0.1	-0.7	14,475	14,686	14,721	14,867	14,919
	Nondurable goods industries.....	90,888	91,327	91,238	91,592	-0.5	+0.1	-0.4	91,266	91,867	91,217	91,992	93,708
	With unfilled orders.....	23,360	23,401	23,439	23,386	-0.2	-0.2	+0.2	23,858	23,727	23,453	23,311	24,119
20	Food and kindred products.....	21,077	21,232	20,948	20,998	-0.7	+1.4	-0.2	20,264	20,670	20,615	21,192	20,663
201	Meat products.....	2,088	2,087	2,135	2,216	0.0	-2.2	-3.7	2,178	2,216	2,191	2,285	2,283
208	Beverages.....	3,409	3,417	3,362	3,405	-0.2	+1.6	-1.3	3,484	3,516	3,463	3,511	3,530
207	Fats and oils.....	969	1,005	1,056	1,052	-3.6	-4.8	+0.4	920	989	1,084	1,156	1,083
203-6,9	All other foods.....	12,897	12,982	12,701	12,627	-0.7	+2.2	+0.6	11,917	12,177	12,193	12,564	11,962
21	Tobacco products.....	3,182	3,223	3,267	3,316	-1.3	-1.3	-1.5	3,106	3,275	3,345	3,462	3,344
22	Textile mill products.....	6,659	6,622	6,609	6,554	+0.6	+0.2	+0.8	6,859	6,744	6,712	6,654	6,948
26	Paper and allied products.....	9,774	9,763	9,781	9,725	+0.1	-0.2	+0.6	10,005	9,963	9,827	9,707	9,919
261-3,6	Pulp, paper etc.....	3,880	3,901	3,930	3,936	-0.5	-0.7	-0.2	3,949	3,945	3,940	3,929	3,789
265	Paperboard containers.....	2,252	2,280	2,343	2,348	-1.2	-2.7	-0.2	2,297	2,323	2,343	2,315	2,528
264	All other paper products.....	3,642	3,582	3,508	3,441	+1.7	+2.1	+1.9	3,759	3,695	3,544	3,463	3,602
28	Chemicals and allied products.....	21,507	21,631	21,554	21,434	-0.6	+0.4	+0.6	21,686	21,960	21,787	21,707	21,682
281,6	Industrial chemicals, except pigments.....	6,525	6,554	6,544	6,632	-0.4	+0.2	-1.3	6,590	6,626	6,564	6,645	6,667
283,4	Drugs, soaps, and toiletries....	7,038	7,089	6,940	6,837	-0.7	+2.1	+1.5	7,221	7,210	6,933	6,823	7,032
29	Petroleum and coal products.....	6,308	6,265	6,436	6,916	+0.7	-2.7	-6.9	6,217	6,214	6,293	6,866	8,066
30	Rubber and plastics products.....	6,349	6,322	6,449	6,478	+0.4	-2.0	-0.4	6,532	6,593	6,602	6,491	6,739
23,27, 31	All other nondurable goods.....	16,032	16,269	16,194	16,171	-1.5	+0.5	+0.1	16,597	16,448	16,036	15,913	16,847
	Market categories:												
	Home goods and apparel.....	22,137	22,504	22,197	21,936	-1.6	+1.4	+1.2	23,064	22,827	22,116	21,807	23,280
	Consumer staples.....	34,076	34,292	33,798	33,885	-0.6	+1.5	-0.3	33,452	33,965	33,553	34,072	33,615
	Equipment and defense products, except automotive.....	83,344	83,160	83,514	83,634	+0.2	-0.4	-0.1	84,199	83,783	83,883	83,759	86,453
	Automotive equipment.....	13,505	13,533	13,557	13,631	-0.2	-0.2	-0.5	13,380	13,531	13,769	13,982	13,339
	Construction materials, supplies and intermediate products.....	18,906	19,075	18,939	19,007	-0.9	+0.7	-0.4	19,099	19,316	19,272	19,279	19,547
	Other materials, supplies, and intermediate products.....	106,464	106,794	107,566	107,143	-0.3	-0.7	+0.4	107,735	107,936	107,755	107,475	111,166
	Supplementary series:[2]												
	Capital goods industries.....	97,062	96,928	97,253	96,493	+0.1	-0.3	+0.8	98,186	97,555	97,459	96,485	98,560
	Nondefense.....	69,304	69,363	70,173	70,239	-0.1	-1.2	-0.1	69,955	69,811	70,041	70,223	74,185
	Defense.....	27,758	27,565	27,080	26,254	+0.7	+1.8	+3.1	28,231	27,744	27,418	26,262	24,375
	Household durable goods industries.....	11,188	11,351	11,098	10,979	-1.4	+2.3	+1.1	11,553	11,521	11,089	10,968	11,863

See footnotes at end of table 2.

Table 5. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		May 1986[P]	Apr. 1986[r]	Mar. 1986[r]	Feb. 1986[r]	Apr.-May[P]	Mar.-Apr.[r]	Feb.-Mar.[r]	May 1986[P]	Apr. 1986[r]	Mar. 1986[r]	Feb. 1986[r]	May 1985
	MATERIALS AND SUPPLIES												
	All manufacturing industries..	86,317	86,942	86,798	87,383	-0.7	+0.2	-0.7	86,502	87,205	87,047	87,841	91,008
	Durable goods industries.....	51,390	51,864	51,688	51,921	-0.9	+0.3	-0.4	51,353	51,679	51,497	52,006	54,646
32	Stone, clay, and glass products...	1,773	1,759	1,721	1,746	+0.8	+2.2	-1.4	1,764	1,759	1,723	1,747	1,860
33	Primary metals.....	4,788	4,835	4,776	4,950	-1.0	+1.2	-3.5	4,671	4,677	4,680	4,951	5,607
34	Fabricated metal products.....	7,119	7,110	7,159	7,192	+0.1	-0.7	-0.5	7,163	7,172	7,230	7,212	7,229
35	Machinery, except electrical.....	10,283	10,506	10,427	10,785	-2.1	+0.8	-3.3	10,390	10,554	10,374	10,800	11,837
36	Electrical Machinery.....	7,902	7,825	7,911	7,789	+1.0	-1.1	+1.6	7,947	7,905	7,838	7,748	8,600
37	Transportation equipment.....	11,475	11,682	11,552	11,313	-1.8	+1.1	+2.1	11,520	11,637	11,624	11,419	11,295
38	Instruments and related products..	2,685	2,663	2,669	2,656	+0.8	-0.2	+0.5	2,688	2,673	2,663	2,625	2,773
24,25, 39	All other durable goods.....	5,365	5,484	5,473	5,490	-2.2	+0.2	-0.3	5,210	5,302	5,365	5,504	5,445
	Nondurable goods industries.....	34,927	35,078	35,110	35,462	-0.4	-0.1	-1.0	35,149	35,526	35,550	35,835	36,362
20	Food and kindred products.....	7,506	7,522	7,297	7,324	-0.2	+3.1	-0.4	7,458	7,635	7,492	7,583	7,483
21	Tobacco products.....	2,657	2,646	2,760	2,740	+0.4	-4.1	+0.7	2,625	2,732	2,834	2,888	2,891
22	Textile mill products.....	2,052	2,123	2,094	2,073	-3.3	+1.4	+1.0	2,120	2,159	2,145	2,091	2,158
26	Paper and allied products.....	4,862	4,841	4,912	4,882	+0.4	-1.4	+0.6	4,864	4,879	4,921	4,854	4,814
28	Chemicals and allied products.....	7,883	7,738	7,727	7,926	+1.9	+0.1	-2.5	7,956	7,808	7,813	7,963	8,234
29	Petroleum and coal products.....	1,645	1,849	1,884	2,088	-11.0	-1.9	-9.8	1,753	1,903	1,883	2,044	2,116
30	Rubber and plastics products.....	2,266	2,271	2,352	2,301	-0.2	-3.4	+2.2	2,286	2,309	2,342	2,271	2,067
23,27, 31	All other nondurable goods.....	6,056	6,088	6,084	6,128	-0.5	+0.1	-0.7	6,087	6,101	6,120	6,141	6,599
	WORK IN PROCESS												
	All manufacturing industries..	104,402	104,615	105,157	104,323	-0.2	-0.5	+0.8	105,280	105,386	105,565	104,589	104,861
	Durable goods industries.....	90,654	90,825	91,236	90,125	-0.2	-0.5	+1.2	91,399	91,465	91,696	90,458	90,373
32	Stone, clay, and glass products...	730	737	768	751	-0.9	-4.0	+2.3	758	769	806	791	821
33	Primary metals.....	6,981	7,026	7,282	7,043	-0.6	-3.5	+3.4	7,062	7,070	7,216	7,065	7,797
34	Fabricated metal products.....	6,905	7,001	6,832	6,842	-1.4	+2.5	-0.1	7,085	7,140	6,948	6,867	6,879
35	Machinery, except electrical.....	15,417	15,800	16,087	16,109	-2.4	-1.8	-0.1	15,562	15,904	16,070	16,133	16,480
36	Electrical Machinery.....	19,843	19,759	19,556	19,568	+0.4	+1.0	-0.1	20,096	19,881	19,612	19,505	18,945
37	Transportation equipment.....	33,533	33,212	33,294	32,452	+1.0	-0.2	+2.6	33,529	33,351	33,601	32,724	31,578
38	Instruments and related products..	4,044	3,972	4,033	3,949	+1.8	-1.5	+2.1	4,087	4,024	4,049	3,944	4,206
24,25, 39	All other durable goods.....	3,201	3,318	3,384	3,411	-3.5	-2.0	-0.8	3,220	3,326	3,394	3,429	3,667
	Nondurable goods industries.....	13,748	13,790	13,921	14,198	-0.3	-0.9	-2.0	13,881	13,921	13,869	14,131	14,488
20	Food and kindred products.....	1,593	1,641	1,666	1,632	-2.9	-1.5	+2.1	1,591	1,643	1,692	1,683	1,652
21	Tobacco products.....	247	289	223	261	-14.5	+29.6	-14.6	193	224	208	258	183
22	Textile mill products.....	1,994	1,935	1,932	1,896	+3.0	+0.2	+1.9	2,006	1,952	1,950	1,933	1,965
26	Paper and allied products.....	1,116	1,116	1,122	1,117	0.0	-0.5	+0.4	1,131	1,114	1,110	1,104	1,156
28	Chemicals and allied products.....	3,397	3,410	3,377	3,369	-0.4	+1.0	+0.2	3,459	3,438	3,387	3,375	3,604
29	Petroleum and coal products.....	868	856	951	1,140	+1.4	-10.0	-16.6	900	895	946	1,092	1,332
30	Rubber and plastics products.....	1,205	1,165	1,221	1,263	+3.4	-4.6	-3.3	1,182	1,189	1,211	1,235	1,156
23,27, 31	All other nondurable goods.....	3,328	3,378	3,429	3,520	-1.5	-1.5	-2.6	3,419	3,466	3,365	3,451	3,440
	FINISHED GOODS												
	All manufacturing industries..	87,713	87,801	87,616	87,530	-0.1	+0.2	+0.1	89,147	88,767	87,736	87,944	91,531
	Durable goods industries.....	45,500	45,342	45,409	45,598	+0.3	-0.1	-0.4	46,911	46,347	45,938	45,918	48,673
32	Stone, clay, and glass products...	3,052	3,055	3,087	3,049	-0.1	-1.0	+1.2	3,197	3,178	3,177	3,149	3,371
33	Primary metals.....	5,164	5,175	5,162	5,288	-0.2	+0.3	-2.4	5,353	5,378	5,275	5,326	5,846
34	Fabricated metal products.....	4,874	4,961	4,935	4,851	-1.8	+0.5	+1.7	5,040	5,089	4,999	4,961	5,097
35	Machinery, except electrical.....	12,426	12,103	12,503	12,391	+2.7	-3.2	+0.9	12,654	12,183	12,515	12,396	13,489
36	Electrical Machinery.....	6,249	6,246	6,077	6,095	0.0	+2.8	-0.3	6,510	6,403	6,143	6,032	6,982
37	Transportation equipment.....	5,115	5,136	5,050	5,166	-0.4	+1.7	-2.2	5,181	5,168	5,071	5,230	5,213
38	Instruments and related products..	2,814	2,828	2,831	2,930	-0.5	-0.1	-3.4	2,931	2,890	2,796	2,890	2,868
24,25, 39	All other durable goods.....	5,806	5,838	5,764	5,828	-0.5	+1.3	-1.1	6,045	6,058	5,962	5,934	5,807
	Nondurable goods industries.....	42,213	42,459	42,207	41,932	-0.6	+0.6	+0.7	42,236	42,420	41,798	42,026	42,858
20	Food and kindred products.....	11,978	12,069	11,985	12,042	-0.8	+0.7	-0.5	11,215	11,392	11,431	11,926	11,528
21	Tobacco products.....	278	288	284	315	-3.5	+1.4	-9.8	288	319	303	316	270
22	Textile mill products.....	2,613	2,564	2,583	2,585	+1.9	-0.7	-0.1	2,733	2,633	2,617	2,630	2,825
26	Paper and allied products.....	3,796	3,806	3,747	3,726	-0.3	+1.6	+0.6	4,010	3,970	3,796	3,749	3,949
28	Chemicals and allied products.....	10,227	10,483	10,450	10,139	-2.4	+0.3	+3.1	10,271	10,714	10,587	10,369	9,844
29	Petroleum and coal products.....	3,795	3,560	3,601	3,688	+6.6	-1.1	-2.4	3,564	3,416	3,464	3,730	4,618
30	Rubber and plastics products.....	2,878	2,886	2,876	2,914	-0.3	+0.3	-1.3	3,064	3,095	3,049	2,985	3,016
23,27, 31	All other nondurable goods.....	6,648	6,803	6,681	6,523	-2.3	+1.8	+2.4	7,091	6,881	6,551	6,321	6,808

[P]Preliminary. [r]Revised.

Table 6. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP

(Based on seasonally adjusted data)

SIC Code	Industry	Inventory/shipments ratio				Unfilled orders/shipments ratio[1]			
		May 1986[P]	Apr. 1986[r]	Mar. 1986	Feb. 1986	May 1986[P]	Apr. 1986[r]	Mar. 1986	Feb. 1986
	All manufacturing industries	1.44	1.42	1.46	1.42	3.45	3.39	3.50	3.43
	Durable goods industries	1.80	1.76	1.83	1.78	4.22	4.14	4.27	4.17
32	Stone, clay, and glass products	1.12	1.09	1.17	1.13	0.59	0.59	0.66	0.63
33	Primary metals	1.71	1.68	1.75	1.70	1.93	1.99	2.10	2.04
34	Fabricated metal products	1.32	1.31	1.38	1.32	1.47	1.46	1.53	1.51
35	Machinery, except electrical	2.27	2.14	2.25	2.32	3.55	3.36	3.52	3.68
36	Electrical machinery	2.19	2.18	2.07	2.11	5.34	5.38	5.17	5.23
37	Transportation equipment	1.88	1.82	1.99	1.75	10.99	10.64	11.58	10.38
38	Instruments and related products	2.06	2.05	2.08	2.03	1.85	1.83	1.86	1.86
	Nondurable goods industries	1.02	1.02	1.03	1.01	0.49	0.49	0.50	0.50
20	Food and kindred products	0.82	0.84	0.85	0.84	(X)	(X)	(X)	(X)
21	Tobacco products	1.53	2.05	1.52	1.84	(X)	(X)	(X)	(X)
22	Textile mill products	1.54	1.48	1.54	1.47	(NA)	(NA)	(NA)	(NA)
26	Paper and allied products	1.10	1.09	1.16	1.13	(NA)	(NA)	(NA)	(NA)
28	Chemicals and allied products	1.25	1.18	1.26	1.18	(X)	(X)	(X)	(X)
29	Petroleum and coal products	0.51	0.51	0.50	0.50	(X)	(X)	(X)	(X)
30	Rubber and plastics products	1.57	1.57	1.64	1.62	(X)	(X)	(X)	(X)

[P]Preliminary. [r]Revised. (X) Not applicable. (NA) Not available.

[1]Excludes the following industries with no unfilled orders: Wood and lumber products; glass containers; metal cans, barrels, and drums; farm machinery and equipment; motor vehicle assembly operations; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.

Table 7. AVERAGE REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES

(Based on seasonally adjusted data)

SIC Code	Industry	Shipments			New orders			Unfilled orders			Inventories		
		Year ago May 1985	All Mays 1981-1985	May 1985-Apr. 1986	Year ago May 1985	All Mays 1981-1985	May 1985-Apr. 1986	Year ago May 1985	All Mays 1981-1985	May 1985-Apr. 1986	Year ago May 1985	All Mays 1981-1985	May 1985-Apr. 1986
	All manufacturing industries	0.1	0.1	0.2	0.0	0.2	0.2	0.0	0.0	0.1	0.0	0.0	0.1
	Durable goods industries	0.1	0.1	0.3	0.1	0.2	0.4	0.1	0.1	0.1	0.0	0.1	0.1
32	Stone, clay, and glass products	0.0	0.3	1.2	0.0	0.5	1.2	0.2	0.5	0.9	0.0	0.5	0.3
33	Primary metals	0.6	0.5	0.8	0.4	0.8	1.0	0.6	0.4	0.5	0.3	0.2	0.2
34	Fabricated metal products	1.4	0.5	0.7	1.0	0.6	1.2	0.2	0.1	0.5	0.1	0.1	0.6
35	Machinery, except electrical	0.1	0.8	0.6	0.1	0.6	1.2	0.2	0.2	0.3	0.1	0.1	0.1
36	Electrical machinery	0.2	0.5	0.9	1.2	0.9	1.6	0.0	0.1	0.2	0.1	0.1	0.2
37	Transportation equipment	0.4	0.2	0.3	0.3	2.3	1.3	0.0	0.2	0.2	0.1	0.1	0.1
38	Instruments and related products	0.6	1.0	1.0	1.3	1.8	1.4	0.5	0.9	0.5	0.0	0.4	0.4
	Nondurable goods industries	0.1	0.3	0.3	0.0	0.2	0.4	0.5	0.4	0.5	0.1	0.2	0.2
20	Food and kindred products	0.3	0.8	0.7	(X)	(X)	(X)	(X)	(X)	(X)	0.0	0.7	0.3
21	Tobacco products	0.0	1.0	0.5	(X)	(X)	(X)	(X)	(X)	(X)	0.0	0.1	0.1
22	Textile mill products	0.7	0.4	1.4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1.0	0.3	1.0
26	Paper and allied products	0.2	0.5	0.7	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.2	0.3	0.2
28	Chemicals and allied product	0.8	0.6	0.6	(X)	(X)	(X)	(X)	(X)	(X)	0.3	0.4	0.4
29	Petroleum and coal products	0.2	0.8	0.9	(X)	(X)	(X)	(X)	(X)	(X)	1.3	1.5	0.8
30	Rubber and plastics products	1.7	0.9	1.0	(X)	(X)	(X)	(X)	(X)	(X)	0.7	0.6	0.7
	Capital Goods Industries:												
	Nondefense	0.1	0.6	0.7	0.3	1.2	0.8	0.1	0.2	0.1	0.0	0.1	0.1
	Defense	1.9	1.0	0.8	0.4	1.1	3.1	0.0	0.1	0.2	0.0	0.1	0.3

(X) Not Applicable (NA) Not available.

Note: The revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences for the durable goods industries are shown in the advance report for the month.

U.S. Department of Commerce
BUREAU OF THE CENSUS
Washington, D.C. 20233

Official Business
Penalty for Private Use, $300

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE
COM-202

First Class Mail

M 3-1(86)-6

CURRENT INDUSTRIAL REPORTS

Manufacturers' Shipments, Inventories, and Orders

NEWARK PUBLIC LIBRARY

DEC 2 1986

U. S. GOVT. PUBS.
DEPOSITORY 329

U.S. Department of Commerce
BUREAU OF THE CENSUS

JUNE 1986
M3-1(86)-6
For Wire Transmission 10:00 a.m. E.D.T. Thursday, July 31, 1986

(All Figures in text are in seasonally adjusted current dollars)

SUMMARY. New orders for manufactured goods in June declined $0.6 billion or 0.3 percent to $191.5 billion. New orders have been declining since the high in December of $201.2 billion, except for a 0.1 percent increase in April. Durable goods orders in June were revised down to a 0.1 percent increase from the earlier reported 2.1 percent increase; the revision was primarily in defense orders. Excluding defense, durable goods orders were up 1.3 percent as compared to a 1.0 percent increase in the earlier report. Orders for nondurable goods in June declined $0.6 billion or 0.7 percent to $88.9 billion.

Shipments of manufactured goods in June showed no change from May at $193.1 billion. An increase in durable goods of $0.5 billion or 0.5 percent to $104.2 billion was offset by a decline in nondurables of $0.5 billion or 0.6 percent to $88.9 billion. Unfilled orders held by manufacturers at the end of June were $364.9 billion, down $1.6 billion or 0.4 percent from May. Nearly all unfilled orders are for durable goods, which were also down 0.4 percent to $354.2 billion.

Manufacturers' inventories in June were unchanged from May at $278.3 billion, maintaining the inventories to shipments ratio the same as May at 1.44. By stage of fabrication, increases in materials and supplies of 0.4 percent and work in process of 0.5 percent were offset by a decline in finished goods of 1.1 percent. The finished goods decline was mostly in nonelectrical machinery.

NEW ORDERS. Durable goods orders in June showed little change from May although there were large offsetting movements, mostly in electrical machinery and transportation equipment. Electrical machinery orders increased $3.3 billion or 22.7 percent to $18.0 billion, following declines in May of 5.3 percent and April of 9.4 percent. Transportation equipment orders declined $4.4 billion or 15.9 percent to $23.5 billion; the aircraft and parts industry declined $4.7 billion or 47.0 percent to $5.3 billion, more than offsetting the 39.8 percent increase in May.

The decrease in new orders for nondurable goods of 0.7 percent was caused by a large decline in petroleum products, where orders are equal to shipments for the month. There were partially offsetting increases in several other industries.

SHIPMENTS. The increase in durable goods shipments resulted from increases in the machinery industries. Electrical machinery increased $0.8 billion or 5.2 percent to $16.3 billion and nonelectrical increased $0.7 billion or 4.4 percent to $17.5 billion. Shipments of transportation equipment were down $0.8 billion or 3.1 percent to $25.8 billion, as the motor vehicle industry declined $0.5 billion or 3.2 percent to $16.4 billion. Primary metals declined $0.4 billion or 3.9 percent to $9.5 billion.

Nondurable goods shipments were down 0.6 percent with the specific industries showing a mixed pattern of change. Petroleum products declined $1.4 billion or 10.9 percent to $11.3 billion. This is the sixth decline in the last seven months since reaching a recent high in November 1985 of $17.0 billion. Chemical products also declined, down $0.2 billion or 1.3 percent to $17.1 billion, and foods were down $0.3 billion or 1.2 percent to $25.5 billion. Partially offsetting these declines were increases in textiles, apparel, paper, and printing and publishing.

UNFILLED ORDERS. Unfilled orders were down 0.4 percent with declines in transportation equipment of $2.3 billion or 1.4 percent to $158.6 billion and nonelectrical machinery of $0.6 billion or 1.0 percent to $56.2 billion. The largest increase in unfilled orders was in electrical machinery, up $1.6 billion or 2.0 percent to $84.3 billion. Most of the decline in transportation was in aircraft and parts with most of the increase in electrical machinery in communication equipment.

INVENTORIES. Inventories in June at $278.3 billion were about the same as May. Inventories have been generally declining since March 1985 when they were estimated at $286.2 billion. In June, the individual durable goods industries showed a mix of increases and decreases of about 2.0 percent or less. Nondurable goods industries showed a similar pattern, except tobacco and leather products which had slightly larger declines.

SCHEDULED RELEASE DATES. The advance report on durable goods for July is scheduled for release on August 22, 1986 at 8:30 a.m. and the full report on September 2, 1986 at 10:00 a.m.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Ruth Runyan or Kathleen Menth, (301) 763-2502.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. This press release is also available on the date of issue through the Census Bureau's online information service–CENDATA™. The online version of the report can be read from a terminal screen, printed on– or off–line, or copied to a computer file for future use. CENDATA is available from Dialog Information Services, Inc. (800/334–2564). Further information about accessing CENDATA can be obtained from Dialog. The CENDATA Staff at the Bureau of the Census (301/763–2074) can provide content information and general guidance, or write for a brochure to CENDATA, DUSD, Bureau of the Census, Washington, DC 20233.

C 3.158:

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]					
		Monthly				Percent change			Monthly				Year to date	
		June 1986P	May 1986r	Apr. 1986	Mar. 1986	May-JuneP	Apr.-MayR	Mar.-Apr.	June 1986P	May 1986r	Apr. 1986	Mar. 1986	1986P	1985
	All manufacturing industries	193,121	193,068	196,132	191,051	0.0	-1.6	+2.7	206,393	195,769	197,446	200,540	1,178,959	1,171,304
	Manufacturing industries with unfilled orders	108,174	105,976	108,249	105,851	+2.1	-2.1	+2.3	115,641	107,157	108,627	111,740	647,561	632,757
	Durable goods industries	104,218	103,672	106,592	102,693	+0.5	-2.7	+3.8	113,724	106,469	108,655	109,751	639,186	624,130
	With unfilled orders	85,292	84,162	86,212	84,147	+1.3	-2.4	+2.5	92,382	85,437	86,667	89,521	515,779	507,856
32	Stone, clay, and glass products	4,889	4,942	5,108	4,784	-1.1	-3.2	+6.8	5,381	5,108	5,171	4,841	29,473	28,340
322	Glass containers	414	412	457	401	+0.5	-9.8	+14.0	462	431	465	432	2,585	2,402
33	Primary metals	9,472	9,852	10,122	9,833	-3.9	-2.7	+2.9	10,158	10,262	10,621	10,691	62,056	65,225
331	Blast furnaces, steel mills	3,891	4,066	4,123	3,926	-4.3	-1.4	+5.0	4,222	4,180	4,342	4,299	25,565	27,142
333-9	Nonferrous and other primary metals	4,410	4,651	4,730	4,762	-5.2	-1.7	-0.7	4,639	4,828	4,929	5,153	28,910	30,288
34	Fabricated metal products	14,125	14,145	14,553	13,733	-0.1	-2.8	+6.0	15,274	14,552	14,754	14,362	85,835	82,221
341	Metal cans, barrels, and drums	963	988	981	846	-2.5	+0.7	+16.0	1,091	1,024	962	860	5,548	5,647
35	Machinery, except electrical	17,521	16,784	17,932	17,377	+4.4	-6.4	+3.2	19,337	16,903	17,666	18,846	104,647	107,608
351	Engines and turbines	1,238	1,199	1,228	1,398	+3.3	-2.4	-12.2	1,374	1,229	1,275	1,598	7,768	7,739
352	Farm machinery and equipment	824	807	943	835	+2.1	-14.4	+12.9	906	911	1,055	980	5,465	5,499
353	Construction, mining, and material handling equipment	2,755	2,882	3,179	3,066	-4.4	-9.3	+3.7	3,011	2,960	3,122	3,066	17,867	16,773
354	Metalworking machinery	906	838	838	903	+8.1	0.0	-7.2	951	817	825	992	5,219	5,099
356	General industrial machinery	1,501	1,396	1,673	1,414	+7.5	-16.6	+18.3	1,548	1,416	1,608	1,471	8,911	8,423
357	Office and computing machines	4,574	3,940	4,010	4,099	+16.1	-1.7	-2.2	5,169	3,633	3,513	4,554	22,858	27,137
36	Electrical machinery	16,334	15,520	15,539	16,187	+5.2	-0.1	-4.0	17,560	15,504	15,549	17,024	95,138	91,449
361,2	Electrical transmission and distribution equipment and industrial apparatus	2,124	2,078	2,038	2,230	+2.2	+2.0	-8.6	2,285	2,071	2,048	2,420	12,809	12,329
363	Household appliances	1,495	1,407	1,405	1,385	+6.3	+0.1	+1.4	1,643	1,422	1,416	1,452	8,560	8,568
365	Radio and TV	1,037	957	1,021	1,043	+8.4	-6.3	-2.1	1,203	877	905	1,056	5,910	5,311
366	Communication equipment	5,502	5,068	5,077	5,477	+8.6	-0.2	-7.3	5,944	5,123	5,188	5,875	31,787	30,388
367	Electronic components	3,233	3,253	3,273	3,432	-0.6	-0.6	-4.6	3,430	3,328	3,401	3,538	19,940	20,311
37	Transportation equipment	25,785	26,610	27,517	25,030	-3.1	-3.3	+9.9	28,910	28,219	28,953	27,533	167,857	159,332
371	Motor vehicles and parts	16,449	16,992	18,080	16,112	-3.2	-6.0	+12.2	18,823	18,574	19,478	17,879	111,825	106,506
372,6	Aircraft, missiles, and parts	7,839	8,106	7,882	7,462	-3.3	+2.8	+5.6	8,517	8,069	7,796	7,995	46,568	42,460
3731,95	Shipbuilding and military tank vehicles	690	716	702	690	-3.6	+2.0	+1.7	717	721	673	720	4,143	5,060
38	Instruments and related products	4,677	4,648	4,613	4,591	+0.6	+0.8	+0.5	5,021	4,569	4,446	4,832	27,807	28,141
381-4	Scientific and engineering instruments	3,087	3,090	3,058	2,960	-0.1	+1.0	+3.3	3,272	3,019	2,957	3,182	18,415	18,624
386	Photographic goods	1,425	1,388	1,378	1,467	+2.7	+0.7	-6.1	1,571	1,374	1,306	1,468	8,328	8,356
24,25, 39	All other durable goods	11,415	11,171	11,208	11,158	+2.2	-0.3	+0.4	12,083	11,352	11,495	11,622	66,373	61,814
	Nondurable goods industries	88,903	89,396	89,540	88,358	-0.6	-0.2	+1.3	92,669	89,300	88,791	90,789	539,773	547,174
	With unfilled orders	22,882	21,814	22,037	21,704	+4.9	-1.0	+1.5	23,259	21,720	21,960	22,219	131,782	124,901
20	Food and kindred products	25,492	25,791	25,279	24,764	-1.2	+2.0	+2.1	26,697	25,708	24,635	25,646	151,366	148,011
201	Meat products	5,680	5,402	5,578	5,435	+5.1	-3.2	+2.6	5,799	5,478	5,377	5,359	32,672	33,807
208	Beverages	3,858	4,091	4,005	3,925	-5.7	+2.1	+2.0	4,437	4,381	4,189	3,898	23,946	22,423
207	Fats and oils	1,029	1,134	1,038	1,044	-9.3	+9.2	-0.6	1,044	1,122	994	1,069	6,436	7,038
203-6,9	All other foods	11,703	11,832	11,462	11,122	-1.1	+3.2	+3.1	12,031	11,335	10,889	12,056	68,844	65,258
21	Tobacco products	2,149	2,057	1,570	2,155	+4.5	+31.0	-27.1	2,355	1,985	1,542	2,069	10,568	9,943
22	Textile mill products	4,449	4,255	4,487	4,299	+4.6	-5.2	+4.4	4,869	4,328	4,454	4,708	26,761	25,927
26	Paper and allied products	9,140	8,853	8,917	8,462	+3.2	-0.7	+5.4	9,547	8,886	8,989	8,819	53,569	49,408
261-3,6	Pulp, paper etc.	3,847	3,686	3,745	3,587	+4.4	-1.6	+4.4	4,046	3,771	3,821	3,770	22,633	21,295
265	Paperboard containers	1,781	1,808	1,837	1,730	-1.5	-1.6	+6.2	1,856	1,808	1,843	1,806	10,914	11,173
264	All other paper products	3,512	3,359	3,335	3,145	+4.6	+0.7	+6.0	3,645	3,307	3,325	3,243	20,022	16,940
28	Chemicals and allied products	17,056	17,273	18,363	17,068	-1.3	-5.9	+7.6	18,198	17,912	19,016	18,565	109,590	110,248
281,6	Industrial chemicals, except pigments	5,737	5,680	5,876	5,708	+1.0	-3.3	+2.9	6,081	5,771	6,111	6,187	35,923	36,552
283,4	Drugs, soaps, and toiletries	5,103	5,064	5,105	4,767	+0.8	-0.8	+7.1	5,450	4,791	4,722	5,063	30,251	27,468
29	Petroleum and coal products	11,257	12,629	12,344	12,798	-10.9	+2.3	-3.5	11,621	12,573	12,029	12,320	77,842	95,458
30	Rubber and plastics products	4,013	4,044	4,016	3,921	-0.8	+0.7	+2.4	4,327	4,036	4,078	3,926	24,074	24,572
23,27, 31	All other nondurable goods	15,347	14,494	14,564	14,891	+5.9	-0.5	-2.2	15,055	13,872	14,048	14,736	86,003	83,607
	Market categories:													
	Home goods and apparel	14,005	13,208	13,362	13,528	+6.0	-1.2	-1.2	14,535	12,586	12,816	14,069	79,277	76,725
	Consumer staples	37,141	36,956	35,920	35,765	+0.5	+2.9	+0.4	38,819	36,507	35,049	36,686	215,814	206,264
	Equipment and defense products, except automotive	30,720	29,679	30,384	30,412	+3.5	-2.3	-0.1	33,409	29,597	29,832	32,561	180,112	179,706
	Automotive equipment	18,275	18,744	19,899	17,822	-2.5	-5.8	+11.7	20,820	20,449	21,553	19,765	123,201	118,572
	Construction materials, supplies and intermediate products	18,139	18,286	18,765	17,969	-0.8	-2.6	+4.4	19,845	18,937	19,082	18,208	107,919	100,615
	Other materials, supplies, and intermediate products	74,841	76,195	77,802	75,555	-1.8	-2.1	+3.0	78,965	77,693	79,114	79,251	472,636	489,422
	Supplementary series:[2]													
	Capital goods industries	35,151	34,068	34,688	34,383	+3.2	-1.8	+0.9	38,190	33,908	34,048	36,827	205,517	201,261
	Nondefense	27,252	26,582	27,355	27,304	+2.5	-2.8	+0.2	29,932	26,401	26,730	29,364	161,231	161,406
	Defense	7,899	7,486	7,333	7,079	+5.5	+2.1	+3.6	8,258	7,507	7,318	7,463	44,286	39,855
	Household durable goods industries	7,148	6,711	6,689	6,838	+6.5	+0.3	-2.2	7,527	6,539	6,586	7,246	40,296	38,373

See footnotes at end of table 2.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]					
		Monthly				Percent change			Monthly				Year to date	
		June 1986[P]	May 1986[r]	Apr. 1986	Mar. 1986	May-June[P]	Apr.-May[r]	Mar.-Apr.	June 1986[P]	May 1986[r]	Apr. 1986	Mar. 1986	1986[P]	1985
	All manufacturing industries	191,536	192,122	193,151	192,996	-0.3	-0.5	+0.1	201,328	191,789	194,594	205,886	1,183,420	1,178,966
	Manufacturing industries with unfilled orders	106,589	105,030	105,268	107,796	+1.5	-0.2	-2.3	110,576	103,177	105,775	117,086	652,022	640,418
	Durable goods industries	102,677	102,624	103,747	104,682	+0.1	-1.1	-0.9	108,895	102,415	105,748	115,035	643,282	631,412
	With unfilled orders	83,751	83,114	83,367	86,136	+0.8	-0.3	-3.2	87,553	81,383	83,760	94,805	519,875	515,138
32	Stone, clay, and glass products	4,910	4,840	4,998	4,832	+1.4	-3.2	+3.4	5,364	5,053	5,075	4,911	29,592	28,514
33	Primary metals	9,328	8,831	9,625	9,762	+5.6	-8.2	-1.4	9,393	8,768	9,577	11,019	61,693	68,373
331	Blast furnaces, steel mills	3,820	3,443	3,918	4,110	+10.9	-12.1	-4.7	3,708	3,309	3,757	4,785	25,310	27,782
333-9	Nonferrous and other primary metals	4,327	4,202	4,263	4,663	+3.0	-1.4	-4.5	4,449	4,232	4,340	4,949	28,427	30,760
34	Fabricated metal products	13,990	14,024	14,653	13,141	-0.2	-4.3	+11.5	15,267	14,507	14,708	14,168	85,709	81,803
35	Machinery, except electrical	16,960	16,441	16,800	16,081	+3.0	-2.1	+4.5	18,443	16,629	16,739	17,542	102,145	108,769
351	Engines and turbines	1,188	1,115	1,253	1,095	+6.5	-11.0	+14.4	1,136	1,239	1,216	1,301	7,438	6,944
353	Construction, mining, and material handling equipment	2,525	2,751	2,970	2,778	-8.2	-7.4	+6.9	2,737	2,828	2,859	2,798	16,814	16,796
354	Metalworking machinery	740	872	856	877	-15.1	+2.1	-2.6	824	862	837	936	5,044	5,754
356	General industrial machinery	1,566	1,509	1,592	1,393	+3.8	-5.2	+14.3	1,575	1,522	1,538	1,442	8,974	8,381
357	Office and computing machines	4,463	3,739	3,136	3,514	+19.4	+19.2	-10.8	5,194	3,621	3,013	3,932	22,059	28,935
36	Electrical machinery	17,975	14,650	15,467	17,086	+22.7	-5.3	-9.4	18,297	14,816	15,037	18,457	98,103	95,771
361,2	Electrical transmission and distribution equipment and industrial apparatus	2,028	1,947	1,907	2,156	+4.2	+2.1	-11.5	2,126	1,899	1,944	2,374	12,459	12,164
363	Household appliances	1,515	1,414	1,401	1,365	+7.1	+0.9	+2.6	1,654	1,445	1,418	1,455	8,583	8,621
365	Radio and TV	943	844	1,143	1,148	+11.7	-26.2	-0.4	1,177	1,008	846	1,036	5,904	5,427
366	Communication equipment	7,014	4,630	5,086	6,243	+51.5	-9.0	-18.5	6,792	4,503	4,654	7,164	34,757	36,807
367	Electronic components	3,458	3,005	3,145	3,518	+15.1	-4.5	-10.6	3,425	3,231	3,526	3,736	20,047	18,269
37	Transportation equipment	23,496	27,933	26,497	28,496	-15.9	+5.4	-7.0	25,093	26,486	28,526	32,517	171,076	158,913
372,6	Aircraft, missiles, and parts	5,311	10,023	7,169	8,238	-47.0	+39.8	-13.0	5,069	7,398	7,762	10,502	49,689	43,984
3731,95	Shipbuilding and military tank vehicles	964	325	377	3,062	+196.6	-13.8	-87.7	525	72	397	2,983	4,412	3,842
38 24,25, 39	Instruments and related products	4,560	4,729	4,539	4,394	-3.6	+4.2	+3.3	4,999	4,591	4,355	4,717	27,711	28,443
	All other durable goods	11,478	11,176	11,168	10,910	+2.7	+0.1	+2.4	12,039	11,565	11,731	11,704	67,253	62,826
	Nondurable goods industries	88,859	89,498	89,404	88,314	-0.7	+0.1	+1.2	92,433	89,374	88,846	90,831	540,138	547,554
	With unfilled orders	22,838	21,916	21,901	21,660	+4.2	+0.1	+1.1	23,023	21,794	22,015	22,261	132,147	125,280
	Market categories:													
	Home goods and apparel	13,890	12,963	13,249	13,534	+7.2	-2.2	-2.1	14,332	12,767	12,868	14,308	80,227	77,821
	Consumer staples	37,078	36,918	35,946	35,858	+0.4	+2.7	+0.2	38,752	36,434	35,043	36,746	215,793	206,241
	Equipment and defense products, except automotive	30,666	29,954	29,656	32,463	+2.4	+1.7	-9.3	31,314	27,876	28,610	36,165	182,963	185,866
	Automotive equipment	18,260	18,530	19,835	18,132	-1.5	-6.6	+9.4	20,664	20,031	21,358	19,942	122,967	118,085
	Construction materials, supplies and intermediate products	18,187	18,326	18,635	17,399	-0.8	-1.7	+7.1	19,901	19,049	18,927	17,993	108,236	100,932
	Other materials, supplies, and intermediate products	73,455	75,431	76,030	75,610	-2.6	-0.8	+0.6	76,365	75,632	77,788	80,732	473,234	490,021
	Supplementary series:[2]													
	Capital goods industries	33,779	34,575	32,679	36,987	-2.3	+5.8	-11.6	34,486	31,468	32,417	41,652	209,319	208,451
	Nondefense	26,476	26,145	26,179	26,540	+1.3	-0.1	-1.4	28,729	25,637	25,657	29,225	160,341	161,476
	Defense	7,303	8,430	6,500	10,447	-13.4	+29.7	-37.8	5,757	5,831	6,760	12,427	48,978	46,975
	Household durable goods industries	7,070	6,471	6,641	6,824	+9.3	-2.6	-2.7	7,383	6,698	6,631	7,444	41,147	39,329

[P]Preliminary. [r]Revised.

[1]Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

[2]The supplementary series are regroupings of the separate industry categories: Household durable goods industries includes household furniture; kitchen articles and pottery; cutlery, hand tools, and hardware; household appliances, radio and TV, ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Nondefense capital goods include machinery, except electrical (excluding farm machinery and equipment and machine shops); electrical machinery (excluding household appliances, radio and TV, and electronic components); railroad equipment; and the nondefense portions of ordnance; communication equipment; aircraft and aircraft parts; and shipbuilding, converting and repairing.

Defense capital goods include ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding converting and repairing. The defense data are comparable to those published annually in the MA-175, Shipments to Federal Government Agencies.

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		June 1986P	May 1986r	Apr. 1986	Mar. 1986	May-JuneP	Apr.-Mayr	Mar.-Apr.	June 1986P	May 1986r	Apr. 1986	Mar. 1986	June 1985
	All manufacturing industries..	364,944	366,529	367,475	370,456	-0.4	-0.3	-0.8	365,821	370,886	374,866	377,718	360,602
	Durable goods industries.....	354,154	355,695	356,743	359,588	-0.4	-0.3	-0.8	354,987	359,816	363,870	366,777	350,309
32	Stone, clay, and glass products...	2,682	2,661	2,763	2,873	+0.8	-3.7	-3.8	2,752	2,769	2,824	2,920	2,571
33	Primary metals.....	18,946	19,090	20,111	20,608	-0.8	-5.1	-2.4	18,767	19,532	21,026	22,070	19,652
331	Blast furnaces, steel mills.....	8,801	8,872	9,495	9,700	-0.8	-6.6	-2.1	8,651	9,165	10,036	10,621	8,842
333-9	Nonferrous and other primary metals.....	6,213	6,296	6,745	7,212	-1.3	-6.7	-6.5	6,263	6,453	7,049	7,638	7,588
34	Fabricated metal products.....	19,500	19,635	19,756	19,656	-0.7	-0.6	+0.5	19,831	19,838	19,883	19,929	20,763
35	Machinery, except electrical.....	56,232	56,813	57,156	58,288	-1.0	-0.6	-1.9	56,551	57,445	57,719	58,646	62,133
351	Engines and turbines.....	14,917	14,967	15,051	15,026	-0.3	-0.6	+0.2	14,697	14,937	14,927	14,986	14,367
353	Construction, mining, and material handling equipment....	5,264	5,494	5,625	5,834	-4.2	-2.3	-3.6	5,264	5,538	5,670	5,933	5,915
354	Metalworking machinery.....	3,718	3,884	3,850	3,834	-4.3	+0.9	+0.4	3,703	3,830	3,785	3,773	4,298
356	General industrial machinery....	4,302	4,237	4,124	4,205	+1.5	+2.7	-1.9	4,306	4,279	4,173	4,243	4,619
357	Office and computing machines...	17,429	17,540	17,741	18,615	-0.6	-1.1	-4.7	18,091	18,066	18,078	18,578	22,068
36	Electrical machinery.....	84,307	82,666	83,536	83,608	+2.0	-1.0	-0.1	84,406	83,669	84,357	84,869	82,237
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	5,405	5,501	5,632	5,763	-1.7	-2.3	-2.3	5,391	5,550	5,722	5,826	6,017
363	Household appliances.....	355	335	328	332	+6.0	+2.1	-1.2	380	369	346	344	416
365	Radio and TV.....	385	479	592	470	-19.6	-19.1	+26.0	432	458	327	386	551
366	Communication equipment.....	60,685	59,173	59,611	59,602	+2.6	-0.7	0.0	60,503	59,655	60,275	60,809	56,988
367	Electronic components.....	15,839	15,614	15,862	15,990	+1.4	-1.6	-0.8	16,077	16,082	16,179	16,054	16,854
37	Transportation equipment.....	158,580	160,869	159,546	160,566	-1.4	+0.8	-0.6	158,394	162,211	163,944	164,371	148,142
372,6	Aircraft, missiles, and parts...	134,323	136,851	134,934	135,647	-1.8	+1.4	-0.5	134,655	138,103	138,774	138,808	122,061
3731,95	Shipbuilding and military tank vehicles.....	18,060	17,786	18,177	18,502	+1.5	-2.2	-1.8	17,856	18,048	18,697	18,973	19,439
38	Instruments and related products..	8,424	8,541	8,460	8,534	-1.4	+1.0	-0.9	8,508	8,530	8,508	8,599	8,616
24,25, 39	All other durable goods.....	5,483	5,420	5,415	5,455	+1.2	+0.1	-0.7	5,778	5,822	5,609	5,373	6,195
	Nondurable goods industries.....	10,790	10,834	10,732	10,868	-0.4	+1.0	-1.3	10,834	11,070	10,996	10,941	10,293
	Market categories:												
	Home goods and apparel.....	4,212	4,327	4,572	4,685	-2.7	-5.4	-2.4	4,568	4,771	4,590	4,538	4,924
	Consumer staples.....	774	837	875	849	-7.5	-4.3	+3.1	712	779	852	858	610
	Equipment and defense products, except automotive.....	230,764	230,818	230,543	231,471	0.0	+0.1	-0.4	231,111	233,206	234,927	236,149	226,061
	Automotive equipment.....	5,642	5,657	5,871	5,935	-0.3	-3.6	-1.1	5,320	5,476	5,896	6,089	6,002
	Construction materials, supplies and intermediate products.....	12,046	11,998	11,958	12,088	+0.4	+0.3	-1.1	12,293	12,237	12,125	12,280	12,512
	Other materials, supplies, and intermediate products.....	111,506	112,894	113,656	115,428	-1.2	-0.7	-1.5	111,817	114,417	116,478	117,804	110,493
	Supplementary series:[2]												
	Capital goods industries.....	278,995	280,367	279,860	281,869	-0.5	+0.2	-0.7	279,342	283,046	285,486	287,117	271,046
	Nondefense.....	131,679	132,455	132,892	134,068	-0.6	-0.3	-0.9	131,812	133,015	133,779	134,852	132,898
	Defense.....	147,316	147,912	146,968	147,801	-0.4	+0.6	-0.6	147,530	150,031	151,707	152,265	138,148
	Household durable goods industries.....	3,707	3,785	4,025	4,073	-2.1	-6.0	-1.2	4,031	4,175	4,016	3,971	4,387

See footnotes at end of table 2.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		June 1986P	May 1986r	Apr. 1986	Mar. 1986	May-JuneP	Apr.-MayR	Mar.-Apr.	June 1986P	May 1986r	Apr. 1986	Mar. 1986	June 1985
	All manufacturing industries..	278,259	278,352	279,358	279,571	0.0	-0.4	-0.1	278,716	280,845	281,358	280,348	288,071
	Manufacturing industries with unfilled orders	194,976	195,102	195,686	196,009	-0.1	-0.3	-0.2	196,465	197,567	197,215	196,384	201,564
	Durable goods industries	187,169	187,637	188,031	188,333	-0.2	-0.2	-0.2	188,048	189,753	189,491	189,131	193,077
	With unfilled orders	171,822	171,923	172,285	172,570	-0.1	-0.2	-0.2	172,762	173,894	173,488	172,931	177,538
32	Stone, clay, and glass products	5,584	5,561	5,551	5,576	+0.4	+0.2	-0.4	5,660	5,725	5,706	5,706	6,061
322	Glass containers	649	638	635	661	+1.7	+0.5	-3.9	659	657	651	665	620
33	Primary metals	16,887	16,903	17,036	17,220	-0.1	-0.8	-1.1	16,861	17,057	17,125	17,171	19,069
331	Blast furnaces, steel mills	7,363	7,484	7,486	7,578	-1.6	0.0	-1.2	7,311	7,447	7,344	7,358	8,527
333-9	Nonferrous and other primary metals	8,270	8,171	8,273	8,321	+1.2	-1.2	-0.6	8,295	8,318	8,455	8,454	9,251
34	Fabricated metal products	18,804	18,858	19,072	18,926	-0.3	-1.1	+0.8	19,243	19,246	19,401	19,177	19,345
341	Metal cans, barrels, and drums	2,224	2,148	2,210	2,213	+3.5	-2.8	-0.1	2,480	2,417	2,473	2,408	2,575
35	Machinery, except electrical	37,325	38,108	38,409	39,017	-2.1	-0.8	-1.6	37,523	38,588	38,641	38,959	41,228
351	Engines and turbines	1,921	1,941	1,936	1,965	-1.0	+0.3	-1.5	1,919	1,962	1,957	1,954	2,099
352	Farm machinery and equipment	1,671	1,760	1,763	1,867	-5.1	-0.2	-5.6	1,713	1,790	1,809	1,908	1,815
353	Construction, mining, and material handling equipment	5,785	5,838	5,888	6,099	-0.9	-0.8	-3.5	5,820	5,955	5,970	6,136	6,645
354	Metalworking machinery	2,749	2,808	2,737	2,874	-2.1	+2.6	-4.8	2,776	2,833	2,729	2,842	2,771
356	General industrial machinery	3,183	3,232	3,294	3,366	-1.5	-1.9	-2.1	3,215	3,277	3,330	3,373	3,540
357	Office and computing machines	11,053	11,612	11,844	11,964	-4.8	-2.0	-1.0	11,097	11,728	11,785	11,773	12,842
36	Electrical machinery	34,281	34,004	33,830	33,544	+0.8	+0.5	+0.9	34,708	34,564	34,189	33,593	34,693
361,2	Electrical transmission and distribution equipment and industrial apparatus	4,194	4,195	4,219	4,253	0.0	-0.6	-0.8	4,242	4,264	4,243	4,215	4,587
363	Household appliances	2,476	2,316	2,316	2,308	+6.9	0.0	+0.3	2,605	2,511	2,473	2,389	2,627
365	Radio and TV	1,637	1,579	1,540	1,429	+3.7	+2.5	+7.8	1,691	1,614	1,531	1,372	1,442
366	Communication equipment	15,043	15,002	14,859	14,641	+0.3	+1.0	+1.5	15,036	15,116	14,948	14,740	14,502
367	Electronic components	5,968	5,985	5,958	5,919	-0.3	+0.5	+0.7	6,022	6,009	5,982	5,913	6,575
37	Transportation equipment	50,470	50,206	50,030	49,896	+0.5	+0.4	+0.3	50,026	50,308	50,156	50,296	48,063
371	Motor vehicles and parts	10,853	11,204	11,279	11,264	-3.1	-0.7	+0.1	10,494	11,078	11,249	11,372	10,756
372,6	Aircraft, missiles, and parts	36,192	35,650	35,488	35,365	+1.5	+0.5	+0.3	36,184	35,949	35,681	35,623	34,352
3731,95	Shipbuilding and military tank vehicles	1,634	1,599	1,624	1,605	+2.2	-1.5	+1.2	1,643	1,597	1,622	1,608	1,385
38	Instruments and related products	9,509	9,542	9,463	9,533	-0.3	+0.8	-0.7	9,684	9,704	9,587	9,508	9,834
381-4	Scientific and engineering instruments	6,658	6,705	6,619	6,701	-0.7	+1.3	-1.2	6,771	6,792	6,718	6,701	7,045
386	Photographic goods	2,232	2,217	2,222	2,219	+0.7	-0.2	+0.1	2,277	2,277	2,235	2,195	2,144
24,25, 39	All other durable goods	14,309	14,455	14,640	14,621	-1.0	-1.3	+0.1	14,343	14,561	14,686	14,721	14,784
	Nondurable goods industries	91,090	90,715	91,327	91,238	+0.4	-0.7	+0.1	90,668	91,092	91,867	91,217	92,994
	With unfilled orders	23,154	23,179	23,401	23,439	-0.1	-0.9	-0.2	23,703	23,673	23,727	23,453	24,026
20	Food and kindred products	21,392	21,063	21,232	20,948	+1.6	-0.8	+1.4	20,146	20,252	20,670	20,615	20,192
201	Meat products	2,152	2,093	2,087	2,135	+2.8	+0.3	-2.2	2,152	2,183	2,216	2,191	2,231
208	Beverages	3,482	3,395	3,417	3,362	+2.6	-0.6	+1.6	3,472	3,470	3,516	3,463	3,481
207	Fats and oils	974	968	1,005	1,056	+0.6	-3.7	-4.8	903	919	989	1,084	1,061
203-6,9	All other foods	13,047	12,882	12,982	12,701	+1.3	0.8	+2.2	11,847	11,903	12,177	12,193	11,600
21	Tobacco products	3,057	3,202	3,223	3,267	-4.5	-0.7	-1.3	2,886	3,125	3,275	3,345	3,116
22	Textile mill products	6,628	6,535	6,622	6,609	+1.4	-1.3	+0.2	6,720	6,732	6,744	6,712	6,825
26	Paper and allied products	9,789	9,757	9,763	9,781	+0.3	-0.1	-0.2	9,958	9,987	9,963	9,827	9,846
261-3,6	Pulp, paper etc	3,883	3,883	3,901	3,930	0.0	-0.5	-0.7	3,919	3,952	3,945	3,940	3,809
265	Paperboard containers	2,262	2,255	2,280	2,343	+0.3	-1.1	-2.7	2,319	2,300	2,323	2,343	2,503
264	All other paper products	3,644	3,619	3,582	3,508	+0.7	+1.0	+2.1	3,720	3,735	3,695	3,544	3,534
28	Chemicals and allied products	21,972	21,499	21,631	21,554	+2.2	-0.6	+0.4	21,807	21,678	21,960	21,787	21,866
281,6	Industrial chemicals, except pigments	6,668	6,508	6,554	6,544	+2.5	-0.7	+0.2	6,655	6,573	6,626	6,564	6,608
283,4	Drugs, soaps, and toiletries	7,153	7,057	7,089	6,940	+1.4	-0.5	+2.1	7,260	7,240	7,210	6,933	6,974
29	Petroleum and coal products	6,167	6,302	6,265	6,436	-2.1	+0.6	-2.7	6,077	6,212	6,214	6,293	7,837
30	Rubber and plastics products	6,290	6,350	6,322	6,449	-0.9	+0.4	-2.0	6,420	6,533	6,593	6,602	6,225
23,27, 31	All other nondurable goods	15,795	16,007	16,269	16,194	-1.3	-1.6	+0.5	16,654	16,573	16,448	16,036	17,087
	Market categories:												
	Home goods and apparel	22,367	22,219	22,504	22,197	+0.7	-1.3	+1.4	23,350	23,149	22,827	22,116	23,346
	Consumer staples	34,270	34,067	34,292	33,798	+0.6	-0.7	+1.5	33,144	33,444	33,965	33,553	32,934
	Equipment and defense products, except automotive	82,852	83,287	83,160	83,514	-0.5	+0.2	-0.4	83,126	84,139	83,783	83,883	85,805
	Automotive equipment	13,229	13,594	13,533	13,557	-2.7	+0.5	-0.2	12,822	13,464	13,531	13,769	13,100
	Construction materials, supplies and intermediate products	18,644	18,914	19,075	18,939	-1.4	-0.8	+0.7	18,813	19,108	19,316	19,272	19,738
	Other materials, supplies, and intermediate products	106,897	106,271	106,794	107,566	+0.6	-0.5	-0.7	107,461	107,541	107,936	107,755	111,148
	Supplementary series:[2]												
	Capital goods industries	97,000	96,990	96,928	97,253	0.0	+0.1	-0.3	97,441	98,111	97,555	97,459	98,402
	Nondefense	68,841	69,236	69,363	70,173	-0.6	-0.2	-1.2	68,908	69,885	69,811	70,041	73,344
	Defense	28,159	27,754	27,565	27,080	+1.5	+0.7	+1.8	28,533	28,226	27,744	27,418	25,058
	Household durable goods industries	11,493	11,252	11,351	11,098	+2.1	-0.9	+2.3	11,812	11,619	11,521	11,089	11,719

See footnotes at end of table 2.

Table 5. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		June 1986[P]	May 1986[r]	Apr. 1986	Mar. 1986	May-June[P]	Apr.-May[r]	Mar.-Apr.	June 1986[P]	May 1986[r]	Apr. 1986	Mar. 1986	June 1985
	MATERIALS AND SUPPLIES												
	All manufacturing industries..	86,635	86,276	86,942	86,798	+0.4	-0.8	+0.2	86,316	86,456	87,205	87,047	90,793
	Durable goods industries.....	51,463	51,387	51,864	51,688	+0.1	-0.9	+0.3	51,298	51,347	51,679	51,497	54,513
32	Stone, clay, and glass products...	1,740	1,758	1,759	1,721	-1.0	-0.1	+2.2	1,735	1,748	1,759	1,723	1,866
33	Primary metals.....	4,768	4,787	4,835	4,776	-0.4	-1.0	+1.2	4,690	4,671	4,677	4,680	5,630
34	Fabricated metal products.....	7,229	7,095	7,110	7,159	+1.9	-0.2	-0.7	7,238	7,137	7,172	7,230	7,282
35	Machinery, except electrical.....	10,420	10,297	10,506	10,427	+1.2	-2.0	+0.8	10,449	10,404	10,554	10,374	11,791
36	Electrical Machinery.....	7,947	7,900	7,825	7,911	+0.6	+1.0	-1.1	8,002	7,945	7,905	7,838	8,472
37	Transportation equipment.....	11,362	11,480	11,682	11,552	-1.0	-1.7	+1.1	11,350	11,524	11,637	11,624	11,365
38	Instruments and related products..	2,647	2,677	2,663	2,669	-1.1	+0.5	-0.2	2,658	2,679	2,673	2,663	2,762
24,25, 39	All other durable goods.....	5,350	5,393	5,484	5,473	-0.8	-1.7	+0.2	5,176	5,239	5,302	5,365	5,345
	Nondurable goods industries.....	35,172	34,889	35,078	35,110	+0.8	-0.5	-0.1	35,018	35,109	35,526	35,550	36,280
20	Food and kindred products.....	7,839	7,516	7,522	7,297	+4.3	-0.1	+3.1	7,523	7,467	7,635	7,492	7,485
21	Tobacco products.....	2,499	2,677	2,646	2,760	-6.6	+1.2	-4.1	2,430	2,645	2,732	2,834	2,711
22	Textile mill products.....	2,094	2,052	2,123	2,094	+2.0	-3.3	+1.4	2,138	2,120	2,159	2,145	2,101
26	Paper and allied products.....	4,831	4,860	4,841	4,912	-0.6	+0.4	-1.4	4,873	4,861	4,879	4,921	4,762
28	Chemicals and allied products.....	8,057	7,852	7,738	7,727	+2.6	+1.5	+0.1	7,988	7,925	7,808	7,813	8,308
29	Petroleum and coal products.....	1,657	1,649	1,849	1,884	+0.5	-10.8	-1.9	1,701	1,758	1,903	1,883	2,009
30	Rubber and plastics products.....	2,285	2,268	2,271	2,352	+0.7	-0.1	-3.4	2,306	2,288	2,309	2,342	2,167
23,27, 31	All other nondurable goods.....	5,910	6,015	6,088	6,084	-1.7	-1.2	+0.1	6,059	6,045	6,101	6,120	6,737
	WORK IN PROCESS												
	All manufacturing industries..	104,955	104,411	104,615	105,157	+0.5	-0.2	-0.5	104,801	105,287	105,386	105,565	104,477
	Durable goods industries.....	91,080	90,714	90,825	91,236	+0.4	-0.1	-0.5	91,053	91,456	91,465	91,696	90,230
32	Stone, clay, and glass products...	729	723	737	768	+0.8	-1.9	-4.0	747	750	769	806	822
33	Primary metals.....	6,978	6,960	7,026	7,282	+0.3	-0.9	-3.5	6,940	7,041	7,070	7,216	7,668
34	Fabricated metal products.....	6,760	6,890	7,001	6,832	-1.9	-1.6	+2.5	6,986	7,070	7,140	6,948	6,915
35	Machinery, except electrical.....	15,356	15,418	15,800	16,087	-0.4	-2.4	-1.8	15,321	15,563	15,904	16,070	16,116
36	Electrical Machinery.....	20,007	19,851	19,759	19,556	+0.8	+0.5	+1.0	20,165	20,105	19,881	19,612	19,233
37	Transportation equipment.....	34,014	33,593	33,212	33,294	+1.3	+1.1	-0.2	33,567	33,585	33,351	33,601	31,606
38	Instruments and related products..	3,987	4,061	3,972	4,033	-1.8	+2.2	-1.5	4,072	4,105	4,024	4,049	4,254
24,25, 39	All other durable goods.....	3,249	3,218	3,318	3,384	+1.0	-3.0	-2.0	3,255	3,237	3,326	3,394	3,616
	Nondurable goods industries.....	13,875	13,697	13,790	13,921	+1.3	-0.7	-0.9	13,748	13,831	13,921	13,869	14,247
20	Food and kindred products.....	1,622	1,593	1,641	1,666	+1.8	-2.9	-1.5	1,592	1,591	1,643	1,692	1,620
21	Tobacco products.....	334	249	289	223	+34.1	-13.8	+29.6	214	195	224	208	161
22	Textile mill products.....	1,977	1,960	1,935	1,932	+0.9	+1.3	+0.2	1,943	1,972	1,952	1,950	1,918
26	Paper and allied products.....	1,089	1,107	1,116	1,122	-1.6	-0.8	-0.5	1,113	1,122	1,114	1,110	1,170
28	Chemicals and allied products.....	3,411	3,396	3,410	3,377	+0.4	-0.4	+1.0	3,416	3,458	3,438	3,387	3,666
29	Petroleum and coal products.....	912	867	856	951	+5.2	+1.3	-10.0	929	899	895	946	1,313
30	Rubber and plastics products.....	1,155	1,209	1,165	1,221	-4.5	+3.8	-4.6	1,145	1,186	1,189	1,211	1,144
23,27, 31	All other nondurable goods.....	3,375	3,316	3,378	3,429	+1.8	-1.8	-1.5	3,396	3,408	3,466	3,365	3,255
	FINISHED GOODS												
	All manufacturing industries..	86,669	87,665	87,801	87,616	-1.1	-0.2	+0.2	87,599	89,102	88,767	87,736	90,801
	Durable goods industries.....	44,626	45,536	45,342	45,409	-2.0	+0.4	-0.1	45,697	46,950	46,347	45,938	48,334
32	Stone, clay, and glass products...	3,115	3,080	3,055	3,087	+1.1	+0.8	-1.0	3,178	3,227	3,178	3,177	3,373
33	Primary metals.....	5,141	5,156	5,175	5,162	-0.3	-0.4	+0.3	5,231	5,345	5,378	5,275	5,771
34	Fabricated metal products.....	4,815	4,873	4,961	4,935	-1.2	-1.8	+0.5	5,019	5,039	5,089	4,999	5,148
35	Machinery, except electrical.....	11,549	12,393	12,103	12,503	-6.8	+2.4	-3.2	11,753	12,621	12,183	12,515	13,321
36	Electrical Machinery.....	6,327	6,253	6,246	6,077	+1.2	+0.1	+2.8	6,541	6,514	6,403	6,143	6,988
37	Transportation equipment.....	5,094	5,133	5,136	5,050	-0.8	-0.1	+1.7	5,109	5,199	5,168	5,071	5,092
38	Instruments and related products..	2,875	2,804	2,828	2,831	+2.5	-0.8	-0.1	2,954	2,920	2,890	2,796	2,818
24,25, 39	All other durable goods.....	5,710	5,844	5,838	5,764	-2.3	+0.1	+1.3	5,912	6,085	6,058	5,962	5,823
	Nondurable goods industries.....	42,043	42,129	42,459	42,207	-0.2	-0.8	+0.6	41,902	42,152	42,420	41,798	42,467
20	Food and kindred products.....	11,931	11,954	12,069	11,985	-0.2	-1.0	+0.7	11,031	11,194	11,392	11,431	11,087
21	Tobacco products.....	224	276	288	284	-18.8	-4.2	+1.4	242	285	319	303	244
22	Textile mill products.....	2,557	2,523	2,564	2,583	+1.3	-1.6	-0.7	2,639	2,640	2,633	2,617	2,806
26	Paper and allied products.....	3,869	3,790	3,806	3,747	+2.1	-0.4	+1.6	3,972	4,004	3,970	3,796	3,914
28	Chemicals and allied products.....	10,504	10,251	10,483	10,450	+2.5	-2.2	+0.3	10,403	10,295	10,714	10,587	9,892
29	Petroleum and coal products.....	3,598	3,786	3,560	3,601	-5.0	+6.3	-1.1	3,447	3,555	3,416	3,464	4,515
30	Rubber and plastics products.....	2,850	2,873	2,886	2,876	-0.8	-0.5	+0.3	2,969	3,059	3,095	3,049	2,914
23,27, 31	All other nondurable goods.....	6,510	6,676	6,803	6,681	-2.5	-1.9	+1.8	7,199	7,120	6,881	6,551	7,095

[P]Preliminary. [r]Revised.

Table 6. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP

(Based on seasonally adjusted data)

SIC Code	Industry	Inventory/shipments ratio				Unfilled orders/shipments ratio[1]			
		June 1986p	May 1986r	Apr. 1986	Mar. 1986	June 1986p	May 1986r	Apr. 1986	Mar. 1986
	All manufacturing industries	1.44	1.44	1.42	1.46	3.37	3.46	3.39	3.50
	Durable goods industries	1.80	1.81	1.76	1.83	4.15	4.23	4.14	4.27
32	Stone, clay, and glass products	1.14	1.13	1.09	1.17	0.60	0.59	0.59	0.66
33	Primary metals	1.78	1.72	1.68	1.75	2.00	1.94	1.99	2.10
34	Fabricated metal products	1.33	1.33	1.31	1.38	1.48	1.49	1.46	1.53
35	Machinery, except electrical	2.13	2.27	2.14	2.25	3.37	3.56	3.36	3.52
36	Electrical machinery	2.10	2.19	2.18	2.07	5.16	5.33	5.38	5.17
37	Transportation equipment	1.96	1.89	1.82	1.99	11.07	10.98	10.64	11.58
38	Instruments and related products	2.03	2.05	2.05	2.08	1.80	1.84	1.83	1.86
	Nondurable goods industries	1.02	1.01	1.02	1.03	0.47	0.50	0.49	0.50
20	Food and kindred products	0.84	0.82	0.84	0.85	(X)	(X)	(X)	(X)
21	Tobacco products	1.42	1.56	2.05	1.52	(X)	(X)	(X)	(X)
22	Textile mill products	1.49	1.54	1.48	1.54	(NA)	(NA)	(NA)	(NA)
26	Paper and allied products	1.07	1.10	1.09	1.16	(NA)	(NA)	(NA)	(NA)
28	Chemicals and allied products	1.29	1.24	1.18	1.26	(X)	(X)	(X)	(X)
29	Petroleum and coal products	0.55	0.50	0.51	0.50	(X)	(X)	(X)	(X)
30	Rubber and plastics products	1.57	1.57	1.57	1.64	(X)	(X)	(X)	(X)

pPreliminary. rRevised. (X) Not applicable. (NA) Not available.

[1]Excludes the following industries with no unfilled orders: Wood and lumber products; glass containers; metal cans, barrels, and drums; farm machinery and equipment; motor vehicle assembly operations; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.

Table 7. AVERAGE REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES

(Based on seasonally adjusted data)

SIC Code	Industry	Shipments			New orders			Unfilled orders			Inventories		
		Year ago June 1985	All Junes 1981-1985	June 1985-May 1986	Year ago June 1985	All Junes 1981-1985	June 1985-May 1986	Year ago June 1985	All Junes 1981-1985	June 1985-May 1986	Year ago June 1985	All Junes 1981-1985	June 1985-May 1986
	All manufacturing industries.	0.4	0.4	0.2	0.2	0.3	0.3	0.0	0.1	0.1	0.1	0.1	0.1
	Durable goods industries	0.1	0.3	0.3	0.1	0.6	0.5	0.1	0.1	0.1	0.1	0.2	0.1
32	Stone, clay, and glass products	0.7	1.2	1.2	1.8	1.3	1.3	2.3	2.3	0.9	0.8	0.3	0.3
33	Primary metals	0.4	0.6	0.8	1.7	1.9	1.0	0.7	0.8	0.5	0.1	0.2	0.2
34	Fabricated metal products	0.0	0.3	0.7	0.3	0.7	1.2	0.1	0.3	0.5	0.8	0.2	0.6
35	Machinery, except electrical	0.4	1.5	0.6	0.1	1.4	1.2	0.2	0.2	0.2	0.3	0.3	0.1
36	Electrical machinery	0.3	0.5	0.9	1.0	0.8	1.5	0.1	0.1	0.2	0.1	0.3	0.2
	Transportation equipment	0.6	0.7	0.3	0.6	1.1	1.4	0.2	0.1	0.2	0.1	0.3	0.1
38	Instruments and related products.	1.8	1.0	1.0	0.1	1.5	1.3	1.0	1.0	0.5	0.5	0.5	0.4
	Nondurable goods industries	0.6	0.5	0.3	0.7	0.5	0.4	0.6	0.6	0.5	0.0	0.1	0.2
20	Food and kindred products	0.9	0.7	0.7	(X)	(X)	(X)	(X)	(X)	(X)	0.0	0.6	0.3
21	Tobacco products	2.6	1.0	0.5	(X)	(X)	(X)	(X)	(X)	(X)	0.9	0.6	0.1
22	Textile mill products	3.3	1.3	1.3	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.3	0.4	0.9
26	Paper and allied products	1.2	0.6	0.6	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.3	0.3	0.2
28	Chemicals and allied product	0.6	1.7	0.6	(X)	(X)	(X)	(X)	(X)	(X)	0.3	0.2	0.3
29	Petroleum and coal products	0.8	0.7	0.9	(X)	(X)	(X)	(X)	(X)	(X)	0.3	0.5	0.7
30	Rubber and plastics products	1.0	1.0	0.9	(X)	(X)	(X)	(X)	(X)	(X)	0.8	0.6	0.6
	Capital goods industries:												
	Nondefense	0.7	1.1	0.7	1.3	1.3	0.8	0.1	0.2	0.1	0.3	0.1	0.2
	Defense	0.4	0.8	0.7	3.0	3.3	3.6	0.2	0.2	0.2	0.1	0.6	0.3

(X) Not Applicable (NA) Not available.

Note: The revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences for the durable goods industries are shown in the advance report for the month.

U.S. Department of Commerce
BUREAU OF THE CENSUS
Washington, D.C. 20233

Official Business
Penalty for Private Use, $300

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE
COM-202

First Class Mail

M 3-1(86)-7

CURRENT INDUSTRIAL REPORTS

Manufacturers' Shipments, Inventories, and Orders

July 1986

U.S. Department of Commerce
BUREAU OF THE CENSUS

M3-1(86)-7

For Wire Transmission 10:00 a.m. E.D.T. Tuesday, September 2, 1986

(All Figures in text are in seasonally adjusted current dollars)

NEWARK PUBLIC LIBRARY

DEC 1986

U. S. GOVT. PUBLICATIONS

SUMMARY. New orders for manufactured goods in July increased $4.2 billion or 2.2 percent to $196.0 billion. Since reaching a high last December of $201.2 billion, orders had been generally declining, dropping to $191.8 billion in June. The July orders increase was concentrated in the durable goods sector which increased 4.1 percent; the nondurable goods sector showed no change from June.

Shipments of manufactured goods in July increased $0.8 billion or 0.4 percent to $194.4 billion, following a 0.3 percent increase in June. Prior to that, shipments declined from a high in November of $200.1 billion to $193.1 billion in May.

Unfilled orders in July increased $1.6 billion or 0.4 percent to $366.2 billion, following 3 consecutive monthly declines. Manufacturers' inventories remained unchanged for the second month in a row at $278.3 billion, following a 14-month downward trend. The small increase in shipments was enough to lower slightly the inventory to shipments ratio from 1.44 in June to 1.43 in July.

NEW ORDERS. The increase in orders for durable goods in July of $4.2 billion or 4.1 percent to $106.9 billion included an increase in defense capital goods orders of $3.2 billion. Excluding defense, the durable goods increase was 1.0 percent.

Orders for transportation equipment increased $5.2 billion or 21.9 percent to $28.7 billion. The aircraft and parts industry accounted for over 80 percent of the increase, as defense and nondefense orders were up. Nonelectrical machinery, fabricated metal products, and instruments and related products also were up. The largest decline in the durable goods sector was in electrical machinery, down $0.9 billion or 5.3 percent to $17.0 billion, following a 22.3 percent increase in June.

SHIPMENTS. Shipments of durable goods in July increased $0.9 billion or 0.9 percent to $105.5 billion. The largest increase was in transportation equipment, up $1.5 billion or 5.8 percent to $27.4 billion; aircraft and parts were up $0.9 billion and motor vehicles and parts $0.4 billion. Both primary metals and fabricated metals also had increases in July. Both electrical and none-lectrical machinery shipments declined in July, nonelectrical down $0.4 billion or 2.5 percent to $17.1 billion and electrical down $0.2 billion or 1.3 percent to $16.1 billion.

Nondurable goods shipments showed a slight decline in July of $0.1 billion to $89.0 billion. Large offsetting movements occurred in several industries. Food products increased $0.9 billion or 3.7 percent to $26.4 billion, and chemicals were up $0.6 billion or 3.2 percent to $17.9 billion; petroleum products were down $0.5 billion or 4.4 percent to $10.8 billion and tobacco products $0.6 billion or 29.9 percent to $1.5 billion.

UNFILLED ORDERS. The increase in unfilled orders in July of 0.4 percent was due mostly to an increase in defense orders for both aircraft and ships and tanks. Transportation equipment in total was up $1.3 billion or 0.8 percent to $159.8 billion. The orders backlog for electrical machinery increased $0.9 billion or 1.0 percent to $85.1 billion. The largest decline in unfilled orders was in primary metals, down $0.6 billion or 2.9 percent to $18.4 billion.

INVENTORIES. Durable goods inventories in July decreased $0.5 billion or 0.3 percent to $186.7 billion, offsetting a $0.4 billion or 0.4 percent increase in nondurable goods to $91.6 billion. Inventories by stage of fabrication showed increases in finished goods and decreases in work in process for both the durable and nondurable goods sectors. An increase in materials and supplies in nondurables was offset by a decline in durables.

SCHEDULED RELEASE DATES. The advance report on durable goods for August is scheduled for release on September 23, 1986 at 8:30 a.m. and the full report on October 1, 1986 at 10:00 a.m.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Ruth Runyan or Kathleen Menth, (301) 763-2502.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. This press release is also available on the date of issue through the Census Bureau's online information service-CENDATA™. The online version of the report can be read from a terminal screen, printed on- or off-line, or copied to a computer file for future use. CENDATA is available from Dialog Information Services, Inc. (800/334-2564). Further information about accessing CENDATA can be obtained from Dialog. The CENDATA Staff at the Bureau of the Census (301/763-2074) can provide content information and general guidance, or write for a brochure to CENDATA, DUSD, Bureau of the Census, Washington, DC 20233.

C 3.158:

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]					
		Monthly				Percent change			Monthly				Year to date	
		July 1986p	June 1986r	May 1986	Apr. 1986	June-Julyp	May-Juner	Apr.-May	July 1986p	June 1986r	May 1986	Apr. 1986	1986p	
	All manufacturing industries	194,448	193,642	193,068	196,132	+0.4	+0.3	-1.6	179,697	206,929	195,769	197,446	1,359,192	1,350,
	Manufacturing industries with unfilled orders	108,936	108,581	105,976	108,249	+0.3	+2.5	-2.1	99,517	116,042	107,157	108,627	747,479	729,
	Durable goods industries	105,470	104,553	103,672	106,592	+0.9	+0.8	-2.7	95,452	114,059	106,469	108,655	734,973	716,
	With unfilled orders	86,257	85,643	84,162	86,212	+0.7	+1.8	-2.4	78,360	92,735	85,437	86,667	594,492	584,
32	Stone, clay, and glass products	4,903	4,873	4,942	5,108	+0.6	-1.4	-3.2	4,851	5,363	5,108	5,171	34,306	33,
322	Glass containers	445	414	412	457	+7.5	+0.5	-9.8	441	462	431	465	3,026	2,
33	Primary metals	9,627	9,484	9,852	10,122	+1.5	-3.7	-2.7	8,761	10,171	10,262	10,621	70,830	74,
331	Blast furnaces, steel mills	4,146	3,886	4,066	4,123	+6.7	-4.4	-1.4	3,781	4,216	4,180	4,342	29,340	31,
333-9	Nonferrous and other primary metals	4,285	4,435	4,651	4,730	-3.4	-4.6	-1.7	3,938	4,666	4,828	4,929	32,875	34,
34	Fabricated metal products	14,450	14,199	14,145	14,553	+1.8	+0.4	-2.8	13,485	15,353	14,552	14,754	99,399	95,
341	Metal cans, barrels, and drums	934	957	988	981	-2.4	-3.1	+0.7	1,018	1,084	1,024	962	6,559	6,
35	Machinery, except electrical	17,103	17,535	16,784	17,932	-2.5	+4.5	-6.4	15,457	19,353	16,903	17,666	120,120	123,
351	Engines and turbines	1,086	1,241	1,199	1,228	-12.5	+3.5	-2.4	966	1,377	1,229	1,275	8,737	8,
352	Farm machinery and equipment	711	825	807	943	-13.8	+2.2	-14.4	574	907	911	1,055	6,040	6,
353	Construction, mining, and material handling equipment	2,881	2,713	2,882	3,179	+6.2	-5.9	-9.3	2,829	2,965	2,960	3,122	20,650	19,
354	Metalworking machinery	802	915	838	838	-12.3	+9.2	0.0	704	961	817	825	5,933	5,
356	General industrial machinery	1,565	1,487	1,396	1,673	+5.2	+6.5	-16.6	1,449	1,533	1,416	1,608	10,345	9,
357	Office and computing machines	4,254	4,572	3,940	4,010	-7.0	+16.0	-1.7	3,548	5,166	3,633	3,513	26,403	30,
36	Electrical machinery	16,106	16,316	15,520	15,539	-1.3	+5.1	-0.1	14,586	17,537	15,504	15,549	109,701	105,
361,2	Electrical transmission and distribution equipment and industrial apparatus	2,159	2,117	2,078	2,038	+2.0	+1.9	+2.0	1,881	2,277	2,071	2,048	14,682	14,
363	Household appliances	1,551	1,489	1,407	1,405	+4.2	+5.8	+0.1	1,535	1,636	1,422	1,416	10,088	9,
365	Radio and TV	1,109	1,031	957	1,021	+7.6	+7.7	-6.3	1,004	1,196	877	905	6,907	6,
366	Communication equipment	5,114	5,478	5,068	5,077	-6.6	+8.1	-0.2	4,636	5,917	5,123	5,188	36,396	34,
367	Electronic components	3,302	3,253	3,253	3,273	+1.5	0.0	-0.6	2,995	3,451	3,328	3,401	22,956	23,
37	Transportation equipment	27,398	25,887	26,610	27,517	+5.8	-2.7	-3.3	23,585	29,019	28,219	28,953	191,551	180,
371	Motor vehicles and parts	16,885	16,455	16,992	18,080	+2.6	-3.2	-6.0	13,968	18,830	18,574	19,478	125,800	119,
372,6	Aircraft, missiles, and parts	8,851	7,925	8,106	7,882	+11.7	-2.2	+2.8	8,072	8,607	8,069	7,796	54,728	49,
3731,95	Shipbuilding and military tank vehicles	710	700	716	702	+1.4	-2.2	+2.0	693	729	721	673	4,848	5,
38	Instruments and related products	4,685	4,680	4,648	4,613	+0.1	+0.7	+0.8	4,298	5,023	4,569	4,446	32,107	32,
381-4	Scientific and engineering instruments	3,046	3,103	3,090	3,058	-1.8	+0.4	+1.0	2,744	3,289	3,019	2,957	21,176	21,
386	Photographic goods	1,475	1,415	1,388	1,378	+4.2	+1.9	+0.7	1,397	1,561	1,374	1,306	9,714	9,
24,25, 39	All other durable goods	11,198	11,579	11,171	11,208	-3.3	+3.7	-0.3	10,429	12,240	11,352	11,495	76,959	71,
	Nondurable goods industries	88,978	89,089	89,396	89,540	-0.1	-0.3	-0.2	84,245	92,870	89,300	88,791	624,219	633,
	With unfilled orders	22,679	22,938	21,814	22,037	-1.1	+5.2	-1.0	21,157	23,307	21,720	21,960	152,987	144,
20	Food and kindred products	26,422	25,490	25,79'	25,279	+3.7	-1.2	+2.0	24,972	26,698	25,708	24,635	176,339	171,
201	Meat products	6,013	5,683	5,402	5,578	+5.8	+5.2	-3.2	5,809	5,802	5,478	5,377	38,484	39,
208	Beverages	3,929	3,876	4,091	4,005	+1.4	-5.3	+2.1	4,212	4,457	4,381	4,189	28,178	26,
207	Fats and oils	936	998	1,134	1,038	-6.2	-12.0	+9.2	893	1,013	1,122	994	7,298	8,
203-6,9	All other foods	12,183	11,674	11,832	11,462	+4.4	-1.3	+3.2	10,697	12,001	11,335	10,889	79,511	74,
21	Tobacco products	1,491	2,127	2,057	1,570	-29.9	+3.4	+31.0	1,373	2,331	1,985	1,542	11,917	11,
22	Textile mill products	4,481	4,398	4,255	4,487	+1.9	+3.4	-5.2	3,827	4,814	4,328	4,456	30,533	29,
26	Paper and allied products	9,257	9,125	8,853	8,917	+1.4	+3.1	-0.7	8,762	9,532	8,886	8,989	62,316	57,
261-3,6	Pulp, paper etc	4,024	3,836	3,686	3,745	+4.9	+4.1	-1.6	3,770	4,035	3,771	3,821	26,392	24,
265	Paperboard containers	1,861	1,825	1,808	1,837	+2.0	+0.9	-1.6	1,764	1,902	1,808	1,843	12,724	12,
264	All other paper products	3,372	3,464	3,359	3,335	-2.7	+3.1	+0.7	3,228	3,595	3,307	3,325	23,200	19,
28	Chemicals and allied products	17,901	17,346	17,273	18,363	+3.2	+0.4	-5.9	16,431	18,508	17,912	19,016	126,331	126,
281,6	Industrial chemicals, except pigments	5,828	5,708	5,680	5,876	+2.1	+0.5	-3.3	5,478	6,050	5,771	6,111	41,370	42,
283,4	Drugs, soaps, and toiletries	5,168	5,199	5,064	5,105	-0.6	+2.7	-0.8	4,872	5,552	4,791	4,722	35,025	31,
29	Petroleum and coal products	10,782	11,278	12,629	12,344	-4.4	-10.7	+2.3	10,836	11,643	12,573	12,029	88,700	111,
30	Rubber and plastics products	3,869	4,002	4,044	4,016	-3.3	-1.0	+0.7	3,724	4,315	4,036	4,078	27,786	28,
23,27, 31	All other nondurable goods	14,775	15,323	14,494	14,564	-3.6	+5.7	-0.5	14,320	15,029	13,872	14,048	100,297	97,
	Market categories:													
	Home goods and apparel	13,695	14,057	13,208	13,362	-2.6	+6.4	-1.2	12,712	14,586	12,586	12,816	92,040	88,
	Consumer staples	37,439	37,350	36,956	35,920	+0.2	+1.1	+2.9	35,313	39,034	36,507	35,049	251,142	239,
	Equipment and defense products, except automotive	30,600	30,751	29,679	30,384	-0.5	+3.6	-2.3	27,722	33,441	29,597	29,832	207,866	206,
	Automotive equipment	18,746	18,274	18,744	19,899	+2.6	-2.5	-5.8	15,780	20,820	20,449	21,553	138,981	133,
	Construction materials, supplies and intermediate products	18,114	18,216	18,286	18,765	-0.6	-0.4	-2.6	17,952	19,926	18,937	19,082	125,952	117,
	Other materials, supplies, and intermediate products	75,854	74,994	76,195	77,802	+1.1	-1.6	-2.1	70,218	79,122	77,693	79,114	563,011	566,
	Supplementary series:[2]													
	Capital goods industries	35,574	35,207	34,068	34,688	+1.0	+3.3	-1.8	32,233	38,247	33,908	34,048	237,807	231,
	Nondefense	27,355	27,243	26,582	27,355	+0.4	+2.5	-2.8	24,647	29,922	26,401	26,730	185,868	185,
	Defense	8,219	7,964	7,486	7,333	+3.2	+6.4	+2.1	7,586	8,325	7,507	7,318	51,939	46,
	Household durable goods industries	7,058	7,374	6,711	6,689	-4.3	+9.9	+0.3	6,245	7,749	6,539	6,586	46,763	43,

See footnotes at end of table 2.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]					
		Monthly				Percent change			Monthly				Year to date	
		July 1986p	June 1986r	May 1986	Apr. 1986	June-July p	May-June r	Apr.-May	July 1986p	June 1986r	May 1986	Apr. 1986	1986p	1985
	All manufacturing industries	196,005	191,795	192,122	193,151	+2.2	-0.2	-0.5	178,832	201,600	191,789	194,594	1,362,524	1,358,033
	Manufacturing industries with unfilled orders	110,493	106,734	105,030	105,268	+3.5	+1.6	-0.2	98,652	110,713	103,177	105,775	750,811	736,615
	Durable goods industries	106,902	102,730	102,624	103,747	+4.1	+0.1	-1.1	94,369	108,946	102,415	105,748	737,702	723,497
	With unfilled orders	87,689	83,820	83,114	83,367	+4.6	+0.8	-0.3	77,277	87,622	81,383	83,760	597,221	591,577
32	Stone, clay, and glass products	4,834	4,927	4,840	4,998	-1.9	+1.8	-3.2	4,800	5,380	5,053	5,075	34,408	33,273
33	Primary metals	9,075	9,323	8,831	9,625	-2.7	+5.6	-8.2	8,105	9,390	8,768	9,577	69,795	75,866
331	Blast furnaces, steel mills	3,678	3,822	3,443	3,918	-3.8	+11.0	-12.1	3,229	3,709	3,309	3,757	28,540	31,801
333-9	Nonferrous and other primary metals	4,256	4,361	4,202	4,263	-2.4	+3.8	-1.4	3,803	4,485	4,232	4,340	32,266	35,089
34	Fabricated metal products	14,337	13,998	14,024	14,653	+2.4	-0.2	-4.3	13,328	15,278	14,507	14,708	99,048	95,010
35	Machinery, except electrical	17,237	16,888	16,441	16,800	+2.1	+2.7	-2.1	14,968	18,394	16,629	16,739	117,064	124,063
351	Engines and turbines	960	1,185	1,115	1,253	-19.0	+6.3	-11.0	904	1,131	1,239	1,216	8,339	8,201
353	Construction, mining, and material handling equipment	2,638	2,429	2,751	2,970	+8.6	-11.7	-7.4	2,606	2,637	2,828	2,859	19,320	19,732
354	Metalworking machinery	824	731	872	854	+12.7	-16.2	+2.1	763	816	862	837	5,799	6,733
356	General industrial machinery	1,484	1,562	1,509	1,592	-5.0	+3.5	-5.2	1,364	1,570	1,522	1,538	10,333	9,609
357	Office and computing machines	4,764	4,484	3,739	3,136	+6.2	+19.9	+19.2	3,521	5,215	3,621	3,013	25,601	31,840
36	Electrical machinery	16,967	17,913	14,650	15,467	-5.3	+22.3	-5.3	14,881	18,228	14,816	15,037	112,915	109,017
361,2	Electrical transmission and distribution equipment and industrial apparatus	2,242	2,025	1,947	1,907	+10.7	+4.0	+2.1	1,963	2,122	1,899	1,944	14,418	13,984
363	Household appliances	1,572	1,492	1,414	1,401	+5.4	+5.5	+0.9	1,565	1,629	1,445	1,418	10,123	9,989
365	Radio and TV	1,025	933	844	1,143	+9.9	+10.5	-26.2	916	1,166	1,008	846	6,809	6,185
366	Communication equipment	5,914	6,997	4,630	5,086	-15.5	+51.1	-9.0	4,807	6,772	4,503	4,654	39,544	40,801
367	Electronic components	3,326	3,448	3,005	3,145	-3.5	+14.7	-4.5	3,051	3,415	3,231	3,526	23,088	21,175
37	Transportation equipment	28,689	23,531	27,933	26,497	+21.9	-15.8	+5.4	23,525	25,134	26,486	28,526	194,642	180,877
372,6	Aircraft, missiles, and parts	9,530	5,303	10,023	7,169	+79.7	-47.1	+39.8	7,472	5,065	7,398	7,762	57,157	51,422
3731,95	Shipbuilding and military tank vehicles	1,498	974	325	377	+53.8	+199.7	-13.8	1,222	537	72	397	5,646	4,458
38	Instruments and related products	4,683	4,530	4,729	4,539	+3.4	-4.2	+4.2	4,282	4,967	4,591	4,355	31,961	32,980
24,25, 39	All other durable goods	11,080	11,620	11,176	11,168	-4.6	+4.0	+0.1	10,480	12,175	11,565	11,731	77,869	72,411
	Nondurable goods industries	89,103	89,065	89,498	89,404	0.0	-0.5	+0.1	84,463	92,654	89,374	88,846	624,822	634,536
	With unfilled orders	22,804	22,914	21,916	21,901	-0.5	+4.6	+0.1	21,375	23,091	21,794	22,015	153,590	145,038
	Market categories:													
	Home goods and apparel	13,540	13,944	12,963	13,249	-2.9	+7.6	-2.2	12,729	14,387	12,767	12,868	93,011	90,057
	Consumer staples	37,447	37,284	36,918	35,946	+0.4	+1.0	+2.7	35,351	38,964	36,434	35,043	251,356	239,044
	Equipment and defense products, except automotive	32,750	30,495	29,954	29,456	+7.4	+1.8	+1.7	27,175	31,143	27,876	28,610	209,967	212,078
	Automotive equipment	18,655	18,286	18,530	19,835	+2.0	-1.3	-6.6	15,861	20,690	20,031	21,358	138,854	132,881
	Construction materials, supplies and intermediate products	18,107	18,106	18,326	18,635	0.0	-1.2	-1.7	17,936	19,822	19,049	18,927	126,093	118,107
	Other materials, supplies, and intermediate products	75,506	73,680	75,431	76,030	+2.5	-2.3	-0.8	69,780	76,594	75,632	77,788	543,243	565,866
	Supplementary series:[2]													
	Capital goods industries	37,878	33,674	34,575	32,679	+12.5	-2.6	+5.8	31,732	34,383	31,468	32,417	240,948	238,691
	Nondefense	27,385	26,421	26,145	26,179	+3.6	+1.1	-0.1	24,315	28,674	25,637	25,657	184,601	184,923
	Defense	10,493	7,253	8,430	6,500	+44.7	-14.0	+29.7	7,417	5,709	5,831	6,760	56,347	53,768
	Household durable goods industries	6,852	7,289	6,471	6,641	-6.0	+12.6	-2.6	6,189	7,599	6,698	6,631	47,552	45,037

p Preliminary. r Revised.

[1] Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

[2] The supplementary series are regroupings of the separate industry categories: Household durable goods industries includes household furniture; kitchen articles and pottery; cutlery, hand tools, and hardware; household appliances, radio and TV, ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Nondefense capital goods include machinery, except electrical (excluding farm machinery and equipment and machine shops); electrical machinery (excluding household appliances, radio and TV, and electronic components); railroad equipment; and the nondefense portions of ordnance; communication equipment; aircraft and aircraft parts; and shipbuilding, converting and repairing.

Defense capital goods include ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding converting and repairing. The defense data are comparable to those published annually in the MA-175, Shipments to Federal Government Agencies.

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		July 1986[p]	June 1986[r]	May 1986	Apr. 1986	June-July[p]	May-June[r]	Apr.-May	July 1986[p]	June 1986[r]	May 1986	Apr. 1986	July 1985
	All manufacturing industries..	366,239	364,682	366,529	367,475	+0.4	-0.5	-0.3	364,692	365,557	370,886	374,866	360,156
	Durable goods industries.....	355,304	353,872	355,695	356,743	+0.4	-0.5	-0.3	353,620	354,703	359,816	363,870	349,666
32	Stone, clay, and glass products...	2,646	2,715	2,661	2,763	-2.5	+2.0	-3.7	2,735	2,786	2,769	2,824	2,577
33	Primary metals.....	18,377	18,929	19,090	20,111	-2.9	-0.8	-5.1	18,095	18,751	19,532	21,026	19,435
331	Blast furnaces, steel mills.....	8,340	8,808	8,872	9,495	-5.3	-0.7	-6.6	8,106	8,658	9,165	10,036	8,831
333-9	Nonferrous and other primary metals.....	6,193	6,222	6,296	6,745	-0.5	-1.2	-6.7	6,137	6,272	6,453	7,049	7,345
34	Fabricated metal products.....	19,321	19,434	19,635	19,756	-0.6	-1.0	-0.6	19,606	19,763	19,838	19,883	20,511
35	Machinery, except electrical.....	56,300	56,166	56,813	57,156	+0.2	-1.1	-0.6	55,997	56,486	57,445	57,719	61,600
351	Engines and turbines.....	14,785	14,911	14,967	15,051	-0.8	-0.4	-0.6	14,629	14,691	14,937	14,927	14,524
353	Construction, mining, and material handling equipment....	4,967	5,210	5,494	5,625	-4.7	-5.2	-2.3	4,987	5,210	5,538	5,670	6,003
354	Metalworking machinery.....	3,722	3,700	3,884	3,850	+0.6	-4.7	+0.9	3,744	3,685	3,830	3,785	4,477
356	General industrial machinery....	4,231	4,312	4,237	4,124	-1.9	+1.8	+2.7	4,231	4,316	4,279	4,173	4,616
357	Office and computing machines...	17,962	17,452	17,540	17,741	+2.9	-0.5	-1.1	18,088	18,115	18,066	18,078	21,242
36	Electrical machinery.....	85,124	84,263	82,666	83,536	+1.0	+1.9	-1.0	84,655	84,360	83,669	84,357	81,897
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	5,492	5,409	5,501	5,632	+1.5	-1.7	-2.3	5,477	5,395	5,550	5,722	6,049
363	Household appliances.....	359	338	335	328	+6.2	+0.9	+2.1	392	362	369	346	437
365	Radio and TV.....	297	381	479	592	-22.0	-20.5	-19.1	340	428	458	327	494
366	Communication equipment.....	61,492	60,692	59,173	59,611	+1.3	+2.6	-0.7	60,681	60,510	59,655	60,275	56,572
367	Electronic components.....	15,833	15,809	15,614	15,862	+0.2	+1.2	-1.6	16,102	16,046	16,082	16,179	16,895
37	Transportation equipment.....	159,804	158,513	160,869	159,546	+0.8	-1.5	+0.8	158,266	158,326	162,211	163,944	148,640
372,6	Aircraft, missiles, and parts...	134,908	134,229	136,851	134,934	+0.5	-1.9	+1.4	133,961	134,561	138,103	138,774	122,567
3731,95	Shipbuilding and military tank vehicles.....	18,848	18,060	17,786	18,177	+4.4	+1.5	-2.2	18,385	17,856	18,048	18,697	19,515
38	Instruments and related products..	8,389	8,391	8,541	8,460	0.0	-1.8	+1.0	8,458	8,474	8,530	8,508	8,723
24,25, 39	All other durable goods.....	5,343	5,461	5,420	5,415	-2.2	+0.8	+0.1	5,808	5,757	5,822	5,609	6,283
	Nondurable goods industries.....	10,935	10,810	10,834	10,732	+1.2	-0.2	+1.0	11,072	10,854	11,070	10,996	10,490
	Market categories:												
	Home goods and apparel.....	4,059	4,214	4,327	4,572	-3.7	-2.6	-5.4	4,589	4,572	4,771	4,590	5,053
	Consumer staples.....	779	771	837	875	+1.0	-7.9	-4.3	747	709	779	852	628
	Equipment and defense products, except automotive.....	232,712	230,562	230,818	230,543	+0.9	-0.1	+0.1	230,361	230,908	233,206	234,927	225,152
	Automotive equipment.....	5,578	5,669	5,657	5,871	-1.6	+0.2	-3.6	5,427	5,346	5,476	5,894	5,927
	Construction materials, supplies and intermediate products.....	11,881	11,888	11,998	11,958	-0.1	-0.9	+0.3	12,117	12,133	12,237	12,125	12,396
	Other materials, supplies, and intermediate products.....	111,230	111,578	112,892	113,656	-0.3	-1.2	-0.7	111,451	111,889	114,417	116,478	111,000
	Supplementary series:[2]												
	Capital goods industries.....	281,138	278,834	280,367	279,860	+0.8	-0.5	+0.2	278,681	279,182	283,046	285,486	270,638
	Nondefense.....	131,663	131,633	132,455	132,892	0.0	-0.6	-0.3	131,435	131,767	133,015	133,779	132,002
	Defense.....	149,475	147,201	147,912	146,968	+1.5	-0.5	+0.6	147,246	147,415	150,031	151,707	138,636
	Household durable goods industries.....	3,494	3,700	3,785	4,025	-5.6	-2.2	-6.0	3,969	4,025	4,175	4,016	4,469

See footnotes at end of table 2.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted, End of month				Seasonally adjusted, Percent change			Not seasonally adjusted[1], End of month				
		July 1986P	June 1986r	May 1986	Apr. 1986	June-JulyP	May-Juner	Apr.-May	July 1986P	June 1986r	May 1986	Apr. 1986	July 1985
	All manufacturing industries..	278,300	278,410	278,352	279,358	0.0	0.0	-0.4	278,126	278,858	280,845	281,358	284,862
	Manufacturing industries with unfilled orders.....	195,085	194,995	195,102	195,686	0.0	-0.1	-0.3	196,112	196,478	197,567	197,215	200,803
	Durable goods industries.....	186,663	187,148	187,637	188,031	-0.3	-0.3	-0.2	186,903	188,023	189,753	189,491	192,382
	With unfilled orders.....	171,677	171,807	171,923	172,285	-0.1	-0.1	-0.2	172,215	172,742	173,894	173,488	177,094
32	Stone, clay, and glass products...	5,621	5,593	5,561	5,551	+0.5	+0.6	+0.2	5,634	5,669	5,725	5,706	5,993
322	Glass containers.....	642	648	638	635	-0.9	+1.6	+0.5	646	658	657	651	613
33	Primary metals.....	16,730	16,883	16,903	17,036	-0.9	-0.1	-0.8	16,740	16,857	17,057	17,125	18,840
331	Blast furnaces, steel mills.....	7,161	7,373	7,484	7,486	-2.9	-1.5	0.0	7,233	7,321	7,447	7,344	8,511
333-9	Nonferrous and other primary metals.....	8,315	8,263	8,171	8,273	+0.6	+1.1	-1.2	8,282	8,288	8,318	8,455	9,096
34	Fabricated metal products.....	18,679	18,832	18,858	19,072	-0.8	-0.1	-1.1	18,805	19,272	19,246	19,401	18,675
341	Metal cans, barrels, and drums..	2,138	2,229	2,148	2,210	-4.1	+3.8	-2.8	2,260	2,485	2,417	2,473	2,371
35	Machinery, except electrical.....	37,158	37,328	38,108	38,409	-0.5	-2.0	-0.8	37,259	37,526	38,588	38,641	41,118
351	Engines and turbines.....	1,941	1,922	1,941	1,936	+1.0	-1.0	+0.3	1,937	1,920	1,962	1,957	2,030
352	Farm machinery and equipment....	1,717	1,678	1,760	1,763	+2.3	-4.7	-0.2	1,690	1,720	1,790	1,809	1,811
353	Construction, mining, and material handling equipment....	5,747	5,776	5,838	5,888	-0.5	-1.1	-0.8	5,718	5,811	5,955	5,970	6,511
354	Metalworking machinery.....	2,746	2,718	2,808	2,737	+1.0	-3.2	+2.6	2,773	2,745	2,833	2,729	2,786
356	General industrial machinery....	3,279	3,236	3,232	3,294	+1.3	+0.1	-1.9	3,282	3,268	3,277	3,330	3,517
357	Office and computing machines...	10,725	11,055	11,612	11,844	-3.0	-4.8	-2.0	10,939	11,099	11,728	11,785	12,985
36	Electrical machinery.....	34,554	34,243	34,004	33,830	+0.9	+0.7	+0.5	34,773	34,667	34,564	34,189	34,708
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	4,242	4,188	4,195	4,219	+1.3	-0.2	-0.6	4,249	4,235	4,264	4,243	4,553
363	Household appliances.....	2,407	2,438	2,316	2,316	-1.3	+5.3	0.0	2,431	2,565	2,511	2,473	2,557
365	Radio and TV.....	1,667	1,635	1,579	1,540	+2.0	+3.5	+2.5	1,730	1,689	1,614	1,531	1,453
366	Communication equipment.....	15,232	15,048	15,002	14,859	+1.2	+0.3	+1.0	15,294	15,041	15,116	14,948	14,822
367	Electronic components.....	5,939	5,965	5,985	5,958	-0.4	-0.3	+0.5	5,987	6,019	6,009	5,982	6,489
37	Transportation equipment.....	50,057	50,434	50,206	50,030	-0.7	+0.5	+0.4	49,690	49,989	50,308	50,156	48,440
371	Motor vehicles and parts.....	10,895	10,856	11,204	11,279	+0.4	-3.1	-0.7	10,413	10,497	11,078	11,249	10,762
372,6	Aircraft, missiles, and parts...	35,765	36,150	35,650	35,488	-1.1	+1.4	+0.5	35,981	36,141	35,949	35,681	34,675
3731,95	Shipbuilding and military tank vehicles.....	1,679	1,634	1,599	1,624	+2.8	+2.2	-1.5	1,682	1,643	1,597	1,622	1,438
38	Instruments and related products..	9,541	9,507	9,542	9,463	+0.4	-0.4	+0.8	9,623	9,681	9,704	9,587	9,768
381-4	Scientific and engineering instruments.....	6,667	6,654	6,705	6,619	+0.2	-0.8	+1.3	6,714	6,767	6,792	6,718	7,030
386	Photographic goods.....	2,239	2,216	2,217	2,222	+1.0	0.0	-0.2	2,264	2,260	2,277	2,235	2,097
24,25, 39	All other durable goods.....	14,323	14,328	14,455	14,640	0.0	-0.9	-1.3	14,379	14,362	14,561	14,686	14,840
	Nondurable goods industries.....	91,637	91,262	90,715	91,327	+0.4	+0.6	-0.7	91,223	90,835	91,092	91,867	92,460
	With unfilled orders.....	23,408	23,188	23,179	23,401	+0.9	0.0	-0.9	23,897	23,736	23,673	23,727	23,709
20	Food and kindred products.....	21,762	21,288	21,063	21,232	+2.2	+1.1	-0.8	20,788	20,050	20,252	20,670	20,499
201	Meat products.....	2,308	2,154	2,093	2,087	+7.1	+2.9	+0.3	2,232	2,154	2,183	2,216	2,248
208	Beverages.....	3,573	3,470	3,395	3,417	+3.0	+2.2	-0.6	3,473	3,460	3,470	3,516	3,456
207	Fats and oils.....	1,031	991	968	1,005	+4.0	+2.4	-3.7	892	919	919	989	1,033
203-6,9	All other foods.....	13,127	12,942	12,882	12,982	+1.4	+0.5	-0.8	12,418	11,751	11,903	12,177	11,997
21	Tobacco products.....	3,086	3,057	3,202	3,223	+0.9	-4.5	-0.7	2,796	2,886	3,125	3,275	3,005
22	Textile mill products.....	6,487	6,617	6,535	6,622	-2.0	+1.3	-1.3	6,529	6,709	6,732	6,744	6,704
26	Paper and allied products.....	9,942	9,825	9,757	9,763	+1.2	+0.7	-0.1	9,998	9,993	9,987	9,963	9,588
261-3,6	Pulp, paper etc.....	3,913	3,882	3,883	3,901	+0.8	0.0	-0.5	3,915	3,918	3,952	3,945	3,762
265	Paperboard containers.....	2,264	2,259	2,255	2,280	+0.2	+0.2	-1.1	2,307	2,315	2,300	2,323	2,306
264	All other paper products.....	3,765	3,684	3,619	3,582	+2.2	+1.8	+1.0	3,776	3,760	3,735	3,695	3,520
28	Chemicals and allied products.....	22,337	22,203	21,499	21,631	+0.6	+3.3	-0.6	22,327	22,023	21,678	21,960	21,890
281,6	Industrial chemicals, except pigments.....	6,673	6,702	6,508	6,554	-0.4	+3.0	-0.7	6,706	6,689	6,573	6,626	6,666
283,4	Drugs, soaps, and toiletries....	7,339	7,180	7,057	7,089	+2.2	+1.7	-0.5	7,376	7,288	7,240	7,210	6,980
29	Petroleum and coal products.....	5,833	6,161	6,302	6,265	-5.3	-2.2	+0.6	5,839	6,071	6,212	6,214	7,742
30	Rubber and plastics products.....	6,261	6,271	6,350	6,322	-0.2	-1.2	+0.4	6,273	6,401	6,533	6,593	6,151
23,27, 31	All other nondurable goods.....	15,929	15,840	16,007	16,269	+0.6	-1.0	-1.6	16,673	16,702	16,573	16,448	16,881
	Market categories:												
	Home goods and apparel.....	22,294	22,366	22,219	22,504	-0.3	+0.7	-1.3	22,940	23,350	23,149	22,827	23,008
	Consumer staples.....	34,969	34,188	34,067	34,292	+2.3	+0.4	-0.7	33,991	33,072	33,444	33,965	33,140
	Equipment and defense products, except automotive.....	82,837	82,840	83,287	83,160	0.0	-0.5	+0.2	83,029	83,112	84,139	83,783	86,311
	Automotive equipment.....	13,182	13,237	13,594	13,533	-0.4	-2.6	+0.5	12,581	12,830	13,464	13,531	13,029
	Construction materials, supplies and intermediate products.....	18,495	18,651	18,914	19,075	-0.8	-1.4	-0.8	18,497	18,822	19,108	19,316	19,253
	Other materials, supplies, and intermediate products.....	106,523	107,128	106,271	106,794	-0.6	+0.8	-0.5	107,088	107,672	107,541	107,936	110,101
	Supplementary series:[2]												
	Capital goods industries.....	96,737	96,956	96,990	96,928	-0.2	0.0	+0.1	97,202	97,395	98,111	97,555	98,804
	Nondefense.....	68,600	68,839	69,236	69,363	-0.3	-0.6	-0.2	68,642	68,905	69,885	69,811	73,106
	Defense.....	28,137	28,117	27,754	27,565	+0.1	+1.3	+0.7	28,560	28,490	28,226	27,744	25,698
	Household durable goods industries.....	11,560	11,460	11,252	11,351	+0.9	+1.8	-0.9	11,777	11,776	11,619	11,521	11,793

See footnotes at end of table 2.

Table 5. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		July 1986P	June 1986r	May 1986	Apr. 1986	June-JulyP	May-Juner	Apr.-May	July 1986P	June 1986r	May 1986	Apr. 1986	July 1985
	MATERIALS AND SUPPLIES												
	All manufacturing industries..	86,823	86,848	86,276	86,942	0.0	+0.7	-0.8	86,740	86,521	86,456	87,205	90,089
	Durable goods industries.....	51,280	51,559	51,387	51,864	-0.5	+0.3	-0.9	51,400	51,392	51,347	51,679	54,380
32	Stone, clay, and glass products...	1,750	1,742	1,758	1,759	+0.5	-0.9	-0.1	1,754	1,737	1,748	1,759	1,885
33	Primary metals.....	4,836	4,772	4,787	4,835	+1.3	-0.3	-1.0	4,792	4,694	4,671	4,677	5,575
34	Fabricated metal products.....	7,108	7,296	7,095	7,110	-2.6	+2.8	-0.2	7,172	7,306	7,137	7,172	7,154
35	Machinery, except electrical.....	10,262	10,387	10,297	10,506	-1.2	+0.9	-2.0	10,315	10,415	10,404	10,554	11,754
36	Electrical Machinery.....	7,921	7,955	7,900	7,825	-0.4	+0.7	+1.0	8,068	8,009	7,945	7,905	8,573
37	Transportation equipment.....	11,386	11,374	11,480	11,682	+0.1	-0.9	-1.7	11,284	11,361	11,524	11,637	11,188
38	Instruments and related products..	2,680	2,642	2,677	2,663	+1.4	-1.3	+0.5	2,681	2,653	2,679	2,673	2,771
24,25, 39	All other durable goods.....	5,337	5,391	5,393	5,484	-1.0	0.0	-1.7	5,334	5,217	5,239	5,302	5,480
	Nondurable goods industries.....	35,543	35,289	34,889	35,078	+0.7	+1.1	-0.5	35,340	35,129	35,109	35,526	35,709
20	Food and kindred products.....	7,908	7,781	7,516	7,522	+1.6	+3.5	-0.1	7,574	7,468	7,467	7,635	7,324
21	Tobacco products.....	2,552	2,499	2,677	2,646	+2.1	-6.6	+1.2	2,335	2,430	2,645	2,732	2,603
22	Textile mill products.....	2,008	2,112	2,052	2,123	-4.9	+2.9	-3.3	2,059	2,156	2,120	2,159	2,109
26	Paper and allied products.....	4,878	4,860	4,860	4,841	+0.4	0.0	+0.4	4,914	4,902	4,861	4,879	4,656
28	Chemicals and allied products.....	8,368	8,259	7,852	7,738	+1.3	+5.2	+1.5	8,436	8,183	7,925	7,808	8,280
29	Petroleum and coal products.....	1,649	1,659	1,649	1,849	-0.6	+0.6	-10.8	1,665	1,703	1,758	1,903	1,942
30	Rubber and plastics products.....	2,179	2,269	2,268	2,271	-4.0	0.0	-0.1	2,205	2,290	2,288	2,309	2,087
23,27, 31	All other nondurable goods.....	6,001	5,850	6,015	6,088	+2.6	-2.7	-1.2	6,152	5,997	6,045	6,101	6,708
	WORK IN PROCESS												
	All manufacturing industries..	104,136	104,856	104,411	104,615	-0.7	+0.4	-0.2	104,113	104,699	105,287	105,386	105,562
	Durable goods industries.....	90,406	90,918	90,714	90,825	-0.6	+0.2	-0.1	90,308	90,890	91,456	91,465	91,245
32	Stone, clay, and glass products...	765	732	723	737	+4.5	+1.2	-1.9	750	750	750	769	819
33	Primary metals.....	6,877	6,969	6,960	7,026	-1.3	+0.1	-0.9	6,946	6,931	7,041	7,070	7,655
34	Fabricated metal products.....	6,768	6,765	6,890	7,001	0.0	-1.8	-1.6	6,883	6,992	7,070	7,140	6,811
35	Machinery, except electrical.....	15,032	15,338	15,418	15,800	-2.0	-0.5	-2.4	14,900	15,303	15,563	15,904	16,349
36	Electrical Machinery.....	20,147	19,954	19,851	19,759	+1.0	+0.5	+0.5	20,197	20,110	20,105	19,881	19,546
37	Transportation equipment.....	33,599	33,960	33,593	33,212	-1.1	+1.1	+1.1	33,364	33,513	33,585	33,351	32,231
38	Instruments and related products..	3,944	3,985	4,061	3,972	-1.0	-1.9	+2.2	3,974	4,070	4,105	4,024	4,205
24,25, 39	All other durable goods.....	3,274	3,215	3,218	3,318	+1.8	-0.1	-3.0	3,294	3,221	3,237	3,326	3,629
	Nondurable goods industries.....	13,730	13,938	13,697	13,790	-1.5	+1.8	-0.7	13,805	13,809	13,831	13,921	14,317
20	Food and kindred products.....	1,728	1,616	1,593	1,641	+6.9	+1.4	-2.9	1,660	1,587	1,591	1,643	1,621
21	Tobacco products.....	258	334	249	289	-22.8	+34.1	-13.8	201	214	195	224	157
22	Textile mill products.....	1,928	1,949	1,960	1,935	-1.1	-0.6	+1.3	1,904	1,916	1,972	1,952	1,907
26	Paper and allied products.....	1,152	1,090	1,107	1,116	+5.7	-1.5	-0.8	1,170	1,113	1,122	1,114	1,144
28	Chemicals and allied products.....	3,462	3,481	3,396	3,410	-0.5	+2.5	-0.4	3,487	3,484	3,458	3,438	3,669
29	Petroleum and coal products.....	771	881	867	856	-12.5	+1.6	+1.3	789	898	899	895	1,314
30	Rubber and plastics products.....	1,185	1,153	1,209	1,165	+2.8	-4.6	+3.8	1,203	1,143	1,186	1,189	1,198
23,27, 31	All other nondurable goods.....	3,246	3,434	3,316	3,378	-5.5	+3.6	-1.8	3,391	3,454	3,408	3,466	3,307
	FINISHED GOODS												
	All manufacturing industries..	87,341	86,706	87,665	87,801	+0.7	-1.1	-0.2	87,273	87,638	89,102	88,767	89,191
	Durable goods industries.....	44,977	44,671	45,536	45,342	+0.7	-1.9	+0.4	45,195	45,741	46,950	46,347	46,757
32	Stone, clay, and glass products...	3,106	3,119	3,080	3,055	-0.4	+1.3	+0.8	3,130	3,182	3,227	3,178	3,289
33	Primary metals.....	5,017	5,142	5,156	5,175	-2.4	-0.3	-0.4	5,002	5,232	5,345	5,378	5,610
34	Fabricated metal products.....	4,803	4,771	4,873	4,961	+0.7	-2.1	-1.8	4,750	4,974	5,039	5,089	4,710
35	Machinery, except electrical.....	11,864	11,603	12,393	12,103	+2.2	-6.4	+2.4	12,044	11,808	12,621	12,183	13,015
36	Electrical Machinery.....	6,486	6,334	6,253	6,246	+2.4	+1.3	+0.1	6,508	6,548	6,514	6,403	6,589
37	Transportation equipment.....	5,072	5,100	5,133	5,136	-0.5	-0.6	-0.1	5,042	5,115	5,199	5,168	5,021
38	Instruments and related products..	2,917	2,880	2,804	2,828	+1.3	+2.7	-0.8	2,968	2,958	2,920	2,890	2,792
24,25, 39	All other durable goods.....	5,712	5,722	5,844	5,838	-0.2	-2.1	+0.1	5,751	5,924	6,085	6,058	5,731
	Nondurable goods industries.....	42,364	42,035	42,129	42,459	+0.8	-0.2	-0.8	42,078	41,897	42,152	42,420	42,434
20	Food and kindred products.....	12,126	11,891	11,954	12,069	+2.0	-0.5	-1.0	11,554	10,995	11,194	11,392	11,554
21	Tobacco products.....	276	224	276	288	+23.2	-18.8	-4.2	260	242	285	319	245
22	Textile mill products.....	2,551	2,556	2,523	2,564	-0.2	+1.3	-1.6	2,566	2,637	2,640	2,633	2,688
26	Paper and allied products.....	3,912	3,875	3,790	3,806	+1.0	+2.2	-0.4	3,914	3,978	4,004	3,970	3,788
28	Chemicals and allied products.....	10,507	10,463	10,251	10,483	+0.4	+2.1	-2.2	10,404	10,356	10,295	10,714	9,941
29	Petroleum and coal products.....	3,413	3,621	3,786	3,560	-5.7	-4.4	+6.3	3,385	3,470	3,555	3,416	4,486
30	Rubber and plastics products.....	2,897	2,849	2,873	2,886	+1.7	-0.8	-0.5	2,865	2,968	3,059	3,095	2,866
23,27, 31	All other nondurable goods.....	6,682	6,556	6,676	6,803	+1.9	-1.8	-1.9	7,130	7,251	7,120	6,881	6,866

P Preliminary. r Revised.

Table 6. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP

(Based on seasonally adjusted data)

SIC Code	Industry	Inventory/shipments ratio				Unfilled orders/shipments ratio[1]			
		July 1986[P]	June 1986[r]	May 1986	Apr. 1986	July 1986[P]	June 1986[r]	May 1986	Apr. 1986
	All manufacturing industries	1.43	1.44	1.44	1.42	3.36	3.36	3.46	3.39
	Durable goods industries	1.77	1.79	1.81	1.76	4.12	4.13	4.23	4.14
32	Stone, clay, and glass products	1.15	1.15	1.13	1.09	0.59	0.61	0.59	0.59
33	Primary metals	1.74	1.78	1.72	1.68	1.91	2.00	1.94	1.99
34	Fabricated metal products	1.29	1.33	1.33	1.31	1.43	1.47	1.49	1.46
35	Machinery, except electrical	2.17	2.13	2.27	2.14	3.43	3.36	3.56	3.36
36	Electrical machinery	2.15	2.10	2.19	2.18	5.29	5.16	5.33	5.38
37	Transportation equipment	1.83	1.95	1.89	1.82	10.27	10.99	10.98	10.64
38	Instruments and related products	2.04	2.03	2.05	2.05	1.79	1.79	1.86	1.83
	Nondurable goods industries	1.03	1.02	1.01	1.02	0.48	0.47	0.50	0.49
20	Food and kindred products	0.82	0.84	0.82	0.84	(X)	(X)	(X)	(X)
21	Tobacco products	2.07	1.44	1.56	2.05	(X)	(X)	(X)	(X)
22	Textile mill products	1.45	1.50	1.54	1.48	(NA)	(NA)	(NA)	(NA)
26	Paper and allied products	1.07	1.08	1.10	1.09	(NA)	(NA)	(NA)	(NA)
28	Chemicals and allied products	1.25	1.28	1.24	1.18	(X)	(X)	(X)	(X)
29	Petroleum and coal products	0.54	0.55	0.50	0.51	(X)	(X)	(X)	(X)
30	Rubber and plastics products	1.62	1.57	1.57	1.57	(X)	(X)	(X)	(X)

[P]Preliminary. [r]Revised. (X) Not applicable. (NA) Not available.

[1]Excludes the following industries with no unfilled orders: Wood and lumber products; glass containers; metal cans, barrels, and drums; farm machinery and equipment; motor vehicle assembly operations; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.

Table 7. AVERAGE REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES

(Based on seasonally adjusted data)

SIC Code	Industry	Shipments			New orders			Unfilled orders			Inventories		
		Year ago July 1985	All Julys 1981-1985	July 1985-June 1986	Year ago July 1985	All Julys 1981-1985	July 1985-June 1986	Year ago July 1985	All Julys 1981-1985	July 1985-June 1986	Year ago July 1985	All Julys 1981-1985	July 1985-June 1986
	All manufacturing industries	0.0	0.3	0.2	0.1	0.5	0.3	0.1	0.1	0.1	0.0	0.1	0.1
	Durable goods industries	0.0	0.4	0.3	0.0	0.9	0.5	0.0	0.1	0.1	0.1	0.0	0.1
32	Stone, clay, and glass products	0.2	0.9	1.2	0.4	1.3	1.2	0.3	1.0	0.8	0.2	0.5	0.2
33	Primary metals	0.3	1.3	0.8	0.3	0.9	0.9	0.0	0.5	0.4	0.4	0.3	0.2
34	Fabricated metal products	0.0	0.6	0.8	0.3	1.2	1.2	0.2	0.4	0.5	0.5	0.3	0.6
35	Machinery, except electrical	1.2	0.9	0.6	0.9	2.5	1.2	0.1	0.5	0.2	0.0	0.1	0.1
36	Electrical machinery	0.2	0.5	0.9	1.5	0.8	1.5	0.2	0.1	0.2	0.1	0.1	0.2
37	Transportation equipment	0.0	0.4	0.3	0.1	0.4	1.3	0.0	0.0	0.2	0.1	0.1	0.1
38	Instruments and related products	0.3	0.8	0.9	2.6	2.8	1.3	1.3	1.1	0.4	0.3	0.3	0.4
	Nondurable goods industries	0.0	0.3	0.3	0.1	0.4	0.3	1.2	0.6	0.4	0.1	0.2	0.2
20	Food and kindred products	0.7	0.8	0.6	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.7	0.3
21	Tobacco products	0.0	0.6	0.5	(X)	(X)	(X)	(X)	(X)	(X)	0.0	0.6	0.1
22	Textile mill products	1.7	1.7	1.3	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.2	0.5	1.0
26	Paper and allied products	0.5	0.8	0.6	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.3	0.3	0.2
28	Chemicals and allied product	0.3	1.1	0.7	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.1	0.4
29	Petroleum and coal products	0.7	0.9	1.0	(X)	(X)	(X)	(X)	(X)	(X)	1.5	0.6	0.7
30	Rubber and plastics products	0.4	0.9	0.8	(X)	(X)	(X)	(X)	(X)	(X)	0.2	0.7	0.6
	Capital goods industries:												
	Nondefense	1.0	0.7	0.6	0.8	1.8	0.7	0.1	0.2	0.1	0.0	0.1	0.1
	Defense	0.3	0.8	0.7	0.6	1.1	3.4	0.0	0.1	0.2	0.2	0.4	0.3

(X) Not Applicable (NA) Not available.

Note: The revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences for the durable goods industries are shown in the advance report for the month.

U.S. Department of Commerce
BUREAU OF THE CENSUS
Washington, D.C. 20233

Official Business
Penalty for Private Use, $300

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE
COM-202

First Class Mail

M 3-1(86-8

CURRENT INDUSTRIAL REPORTS

Manufacturers' Shipments, Inventories, and Orders

August 1986

M3-1(86)-8

U.S. Department of Commerce
BUREAU OF THE CENSUS

For Wire Transmission 10:00 a.m. E.D.T. Wednesday, October 1, 1986

(All Figures in text are in seasonally adjusted current dollars)

NOV 20 1986
U.S. DEPOSITORY
DEPOSITORY 326

SUMMARY. New orders for manufactured goods in August decreased $2.8 billion or 1.4 percent to $191.8 billion, offsetting last month's revised increase of 1.4 percent. A large decline in defense capital goods orders caused most of the August decline; excluding defense, manufacturers' new orders were about the same as July.

Shipments of manufactured goods in August declined $0.3 billion or 0.2 percent to $193.0 billion. Shipments have been virtually unchanged since May.

Manufacturers' unfilled orders in August declined $1.2 billion or 0.3 percent to $364.7 billion; excluding defense capital goods, the decline was 0.5 percent. Excluding the defense backlog, unfilled orders were estimated at $215.5 billion and have shown a downward trend since the $236.4 billion in July 1984.

Manufacturers' inventories in August declined $0.5 billion or 0.2 percent to $278.1 billion. The inventory to shipments ratio in August was 1.44, unchanged since May.

NEW ORDERS. The August decline in new orders was concentrated in the durable goods sector, which declined $3.3 billion or 3.1 percent to $102.9 billion. Transportation equipment was down $2.5 billion or 8.9 percent to $25.8 billion with most of the decrease due to declines in defense orders for aircraft and parts, shipbuilding, and tanks.

Both electrical and nonelectrical machinery were down in August. The electrical category declined $1.0 billion or 6.1 percent to $15.9 billion with the largest decrease in defense communication equipment. The nonelectrical category declined $0.6 billion or 3.3 percent to $16.7 billion.

New orders for primary metals increased $1.2 billion or 12.9 percent to $10.2 billion. The steel industry accounted for about two-thirds of the increase.

SHIPMENTS. The decline in shipments in August of 0.2 percent resulted from a $1.0 billion or 1.0 percent decline in durables more than offsetting a $0.7 billion or 0.8 percent increase in nondurables. Durable goods industries showing the largest declines were nonelectrical machinery, down $0.7 billion or 3.9 percent to $16.4 billion, transportation equipment, down $0.5 billion or 2.0 percent to $26.8 billion, and primary metals, down $0.3 billion or 3.0 percent to $9.4 billion. The only major increase was in electrical machinery, up $0.7 billion or 4.4 percent to $16.9 billion.

The increase in nondurable shipments of 0.8 percent was caused mostly by chemicals, up $0.4 billion or 2.3 percent to $18.0 billion, and tobacco, up $0.3 billion or 19.5 percent to $1.8 billion.

UNFILLED ORDERS. The decline in unfilled orders of 0.3 percent resulted mostly from declines in transportation equipment and electrical machinery, more than offsetting a large increase in primary metals. Transportation equipment declined $0.9 billion or 0.6 percent to $158.7 billion, with the largest decreases in nondefense aircraft and parts. The decline in electrical machinery was $1.0 billion or 1.1 percent to $84.1 billion, because of declines in communication equipment and electronic components. Primary metals increased $0.9 billion or 4.7 percent to $19.2 billion, with the total increase in the steel industry.

INVENTORIES. Inventories of durable and nondurable goods each declined 0.2 percent, durables down to $186.6 billion and nondurables down to $91.6 billion. The industry with the largest change was the steel industry where inventories declined $0.3 billion or 4.7 percent to $6.8 billion. Inventories by stage of fabrication showed little change from July.

SCHEDULED RELEASE DATES. The advance report on durable goods for September is scheduled for release on October 23, 1986 at 8:30 a.m. and the full report on October 31, 1986 at 10:00 a.m.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Ruth Runyan or Kathleen Menth, (301) 763-2502.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. This press release is also available on the date of issue through the Census Bureau's online information service-CENDATA™. The online version of the report can be read from a terminal screen, printed on- or off-line, or copied to a computer file for future use. CENDATA is available from Dialog Information Services, Inc. (800/334-2564). Further information about accessing CENDATA can be obtained from Dialog. The CENDATA Staff at the Bureau of the Census (301/763-2074) can provide content information and general guidance, or write for a brochure to CENDATA, DUSD, Bureau of the Census, Washington, DC 20233.

C 3.158:

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]					
		Monthly				Percent change			Monthly				Year to date	
		Aug. 1986P	July 1986r	June 1986	May 1986	July-Aug. P	June July r	May-June	Aug. 1986P	July 1986r	June 1986	May 1986	1986P	1985
	All manufacturing industries	192,998	193,294	193,642	193,068	-0.2	-0.2	+0.3	190,462	178,616	206,929	195,769	1,548,573	1,544,817
	Manufacturing industries with unfilled orders	107,109	108,326	108,581	105,976	-1.1	-0.2	+2.5	105,402	98,950	116,042	107,157	852,314	834,427
	Durable goods industries	103,967	104,980	104,553	103,672	-1.0	+0.4	+0.8	100,376	95,007	114,059	106,469	834,904	818,448
	With unfilled orders	84,499	85,736	85,643	84,162	-1.4	+0.1	+1.8	82,379	77,887	92,735	85,437	676,398	668,699
32	Stone, clay, and glass products	4,846	4,876	4,873	4,942	-0.6	+0.1	-1.4	5,158	4,824	5,363	5,108	39,437	38,148
322	Glass containers	435	445	414	412	-2.2	+7.5	+0.5	471	441	462	431	3,497	3,267
33	Primary metals	9,361	9,646	9,484	9,852	-3.0	+1.7	-3.7	9,186	8,778	10,171	10,262	80,033	85,661
331	Blast furnaces, steel mills	3,637	4,146	3,886	4,066	-12.3	+6.7	-4.4	3,542	3,781	4,216	4,180	32,882	35,804
333-9	Nonferrous and other primary metals	4,606	4,307	4,435	4,651	+6.9	-2.9	-4.6	4,532	3,958	4,666	4,828	37,427	39,917
34	Fabricated metal products	13,912	14,044	14,199	14,145	-0.9	-1.1	+0.4	14,165	13,114	15,353	14,552	113,193	110,491
341	Metal cans, barrels, and drums	920	933	957	988	-1.4	-2.5	-3.1	1,088	1,017	1,084	1,024	7,646	7,913
35	Machinery, except electrical	16,438	17,111	17,535	16,784	-3.9	-2.4	+4.5	15,223	15,466	19,353	16,903	135,352	139,708
351	Engines and turbines	1,159	1,088	1,241	1,199	+6.5	-12.3	+3.5	1,063	968	1,377	1,229	9,802	9,968
352	Farm machinery and equipment	834	725	825	807	+15.0	-12.1	+2.2	679	585	907	911	6,730	6,915
353	Construction, mining, and material handling equipment	2,506	2,872	2,713	2,882	-12.7	+5.9	-5.9	2,283	2,820	2,965	2,960	22,924	22,223
354	Metalworking machinery	790	808	915	838	-2.2	-11.7	+9.2	741	709	961	817	6,679	6,673
356	General industrial machinery	1,322	1,551	1,487	1,396	-14.8	+4.3	+6.5	1,330	1,436	1,533	1,416	11,662	11,042
357	Office and computing machines	4,020	4,170	4,572	3,940	-3.6	-8.8	+16.0	3,739	3,478	5,166	3,633	30,072	34,986
36	Electrical machinery	16,880	16,172	16,316	15,520	+4.4	-0.9	+5.1	16,371	14,643	17,537	15,504	126,129	120,099
361,2	Electrical transmission and distribution equipment and industrial apparatus	2,137	2,170	2,117	2,078	-1.5	+2.5	+1.9	2,063	1,891	2,277	2,071	16,755	16,189
363	Household appliances	1,522	1,551	1,489	1,407	-1.9	+4.2	+5.8	1,616	1,535	1,636	1,422	11,704	11,329
365	Radio and TV	1,132	1,092	1,031	957	+3.7	+5.9	+7.7	1,106	988	1,196	877	7,997	6,999
366	Communication equipment	5,821	5,140	5,478	5,068	+13.2	-6.2	+8.1	5,515	4,659	5,917	5,123	41,934	39,808
367	Electronic components	3,377	3,288	3,253	3,253	+2.7	+1.1	0.0	3,299	2,982	3,451	3,328	26,242	26,314
37	Transportation equipment	26,758	27,297	25,887	26,610	-2.0	+5.4	-2.7	23,994	23,494	29,019	28,219	215,454	204,886
371	Motor vehicles and parts	16,979	16,884	16,455	16,992	+0.6	+2.6	-3.2	14,957	13,968	18,830	18,574	140,757	134,682
372,6	Aircraft, missiles, and parts	8,057	8,750	7,925	8,106	-7.9	+10.4	-2.2	7,454	7,980	8,607	8,069	62,090	56,800
3731,95	Shipbuilding and military tank vehicles	754	710	700	716	+6.2	+1.4	-2.2	728	693	729	721	5,576	6,623
38	Instruments and related products	4,776	4,755	4,680	4,648	+0.4	+1.6	+0.7	4,698	4,363	5,023	4,569	36,870	37,201
381-4	Scientific and engineering instruments	3,188	3,089	3,103	3,090	+3.2	-0.5	+0.4	3,124	2,783	3,289	3,019	24,339	24,501
386	Photographic goods	1,399	1,474	1,415	1,388	-5.1	+4.2	+1.9	1,381	1,396	1,561	1,374	11,094	11,167
24,25, 39	All other durable goods	10,996	11,079	11,579	11,171	-0.7	-4.3	+3.7	11,581	10,325	12,240	11,352	88,436	82,254
	Nondurable goods industries	89,031	88,314	89,089	89,396	+0.8	-0.9	-0.3	90,086	83,609	92,870	89,300	713,669	726,369
	With unfilled orders	22,610	22,590	22,938	21,814	+0.1	-1.5	+5.2	23,023	21,063	23,307	21,720	175,916	165,728
20	Food and kindred products	26,213	26,420	25,490	25,791	-0.8	+3.6	-1.2	26,195	24,971	26,698	25,708	202,533	195,877
201	Meat products	6,087	5,983	5,683	5,402	+1.7	+5.3	+5.2	6,288	5,780	5,802	5,478	44,743	45,105
208	Beverages	3,987	3,934	3,876	4,091	+1.3	+1.5	-5.3	4,262	4,217	4,457	4,381	32,445	30,573
207	Fats and oils	1,075	958	998	1,134	+12.2	-4.0	-12.0	1,048	914	1,013	1,122	8,367	9,229
203-6,9	All other foods	11,678	12,170	11,674	11,832	-4.0	+4.2	-1.3	11,211	10,685	12,001	11,235	90,710	84,954
21	Tobacco products	1,781	1,491	2,127	2,057	+19.5	-29.9	+3.4	1,882	1,373	2,331	1,985	13,799	13,019
22	Textile mill products	4,650	4,592	4,398	4,255	+1.3	+4.4	+3.4	4,858	3,925	4,814	4,328	35,489	34,189
26	Paper and allied products	9,337	9,317	9,125	8,853	+0.2	+2.1	+3.1	9,524	8,821	9,532	8,886	71,899	65,361
261-3,6	Pulp, paper etc.	3,913	4,025	3,836	3,686	-2.8	+4.9	+4.1	3,941	3,771	4,035	3,771	30,334	28,090
265	Paperboard containers	1,846	1,827	1,825	1,808	+1.0	+0.1	+0.9	1,892	1,732	1,902	1,808	14,584	14,614
264	All other paper products	3,578	3,465	3,464	3,359	+3.3	0.0	+3.1	3,691	3,318	3,595	3,307	26,981	22,657
28	Chemicals and allied products	18,043	17,635	17,346	17,273	+2.3	+1.7	+0.4	17,571	16,195	18,508	17,912	143,666	144,513
281,6	Industrial chemicals, except pigments	5,975	5,807	5,708	5,680	+2.9	+1.7	+0.5	5,867	5,459	6,050	5,771	47,218	47,858
283,4	Drugs, soaps, and toiletries	5,082	5,048	5,199	5,064	+0.7	-2.9	+2.7	5,118	4,563	5,552	4,791	40,034	36,445
29	Petroleum and coal products	10,817	10,677	11,278	12,629	+1.3	-5.3	-10.7	10,960	10,731	11,643	12,573	99,555	127,950
30	Rubber and plastics products	3,806	3,759	4,002	4,044	+1.3	-6.1	-1.0	3,926	3,619	4,315	4,036	31,607	32,348
23,27, 31	All other nondurable goods	14,384	14,423	15,323	14,494	-0.3	-5.9	+5.7	15,170	13,974	15,029	13,872	115,121	113,112
	Market categories:													
	Home goods and apparel	13,333	13,454	14,057	13,208	-0.9	-4.3	+6.4	14,523	12,480	14,586	12,586	106,331	103,634
	Consumer staples	37,179	37,193	37,350	36,956	0.0	-0.4	+1.1	37,239	35,083	39,034	36,507	288,351	273,372
	Equipment and defense products, except automotive	30,536	30,434	30,751	29,679	+0.3	-1.0	+3.6	28,821	27,571	33,441	29,597	236,536	235,632
	Automotive equipment	18,832	18,748	18,274	18,744	+0.4	+2.6	-2.5	16,828	15,783	20,820	20,449	155,812	150,371
	Construction materials, supplies and intermediate products	17,810	17,901	18,216	18,286	-0.5	-1.7	-0.4	18,766	17,746	19,926	18,937	144,512	136,491
	Other materials, supplies, and intermediate products	75,308	75,564	74,994	76,195	-0.3	+0.8	-1.6	74,285	69,953	79,122	77,693	617,031	645,317
	Supplementary series:[2]													
	Capital goods industries	34,776	35,503	35,207	34,068	-2.0	+0.8	+3.3	32,624	32,170	38,247	33,908	270,368	264,716
	Nondefense	27,268	27,420	27,243	26,582	-0.6	+0.6	+2.5	25,408	24,711	29,922	26,401	211,340	211,665
	Defense	7,508	8,083	7,964	7,486	-7.1	+1.5	+6.4	7,216	7,459	8,325	7,507	59,028	53,051
	Household durable goods industries	6,892	6,940	7,374	6,711	-0.7	-5.9	+9.9	7,207	6,142	7,749	6,539	53,867	50,754

See footnotes at end of table 2.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]					
		Monthly				Percent change			Monthly				Year to date	
		Aug. 1986P	July 1986r	June 1986	May 1986	July-Aug.P	June-Julyr	May-June	Aug. 1986P	July 1986r	June 1986	May 1986	1986P	1985
	All manufacturing industries	191,776	194,560	191,795	192,122	-1.4	+1.4	-0.2	185,935	177,464	201,600	191,789	1,547,091	1,550,973
	Manufacturing industries with unfilled orders	105,887	109,592	106,734	105,030	-3.4	+2.7	+1.6	100,875	97,798	110,713	103,177	850,832	840,582
	Durable goods industries	102,885	106,220	102,730	102,624	-3.1	+3.4	+0.1	96,060	93,742	108,946	102,415	833,135	824,252
	With unfilled orders	83,417	86,976	83,820	83,114	-4.1	+3.8	+0.8	78,063	76,622	87,622	81,383	674,629	674,503
32	Stone, clay, and glass products	4,892	4,809	4,927	4,840	+1.7	-2.4	+1.8	5,139	4,775	5,380	5,053	39,522	38,286
33	Primary metals	10,229	9,060	9,323	8,831	+12.9	-2.8	+5.6	9,913	8,088	9,390	8,768	79,691	86,588
331	Blast furnaces, steel mills	4,448	3,678	3,822	3,443	+20.9	-3.8	+11.0	4,303	3,229	3,709	3,309	32,843	36,473
333-9	Nonferrous and other primary metals	4,572	4,285	4,361	4,202	+6.7	-1.7	+3.8	4,505	3,830	4,485	4,232	36,798	39,935
34	Fabricated metal products	13,825	13,993	13,998	14,024	-1.2	0.0	-0.2	13,987	13,020	15,278	14,507	112,727	109,740
35	Machinery, except electrical	16,670	17,233	16,888	16,441	-3.3	+2.0	+2.7	15,235	14,963	18,394	16,629	132,294	140,286
351	Engines and turbines	899	962	1,185	1,115	-6.5	-18.8	+6.3	951	906	1,131	1,239	9,292	9,563
353	Construction, mining, and material handling equipment	2,538	2,624	2,429	2,751	-3.3	+8.0	-11.7	2,240	2,592	2,637	2,828	21,546	22,309
354	Metalworking machinery	704	849	731	872	-17.1	+16.1	-16.2	761	787	816	862	6,584	7,517
356	General industrial machinery	1,316	1,470	1,562	1,509	-10.5	-5.9	+3.5	1,328	1,351	1,570	1,522	11,648	10,967
357	Office and computing machines	4,736	4,632	4,484	3,739	+2.2	+3.3	+19.9	3,939	3,402	5,215	3,621	29,421	35,714
36	Electrical machinery	15,923	16,953	17,913	14,650	-6.1	-5.4	+22.3	15,504	14,859	18,228	14,816	128,397	123,334
361,2	Electrical transmission and distribution equipment and industrial apparatus	2,112	2,230	2,025	1,947	-5.3	+10.1	+4.0	2,063	1,950	2,122	1,899	16,468	16,108
363	Household appliances	1,519	1,560	1,492	1,414	-2.6	+4.6	+5.5	1,611	1,552	1,629	1,445	11,721	11,395
365	Radio and TV	1,110	1,024	933	844	+8.4	+9.8	+10.5	1,185	919	1,166	1,008	7,997	7,160
366	Communication equipment	5,284	5,950	6,997	4,630	-11.2	-15.0	+51.1	5,032	4,840	6,772	4,503	44,609	45,682
367	Electronic components	3,041	3,245	3,448	3,005	-6.3	-5.9	+14.7	2,834	2,970	3,415	3,231	25,841	23,531
37	Transportation equipment	25,834	28,359	23,531	27,933	-8.9	+20.5	-15.8	20,267	23,211	25,134	26,486	214,595	205,236
372,6	Aircraft, missiles, and parts	7,629	9,226	5,303	10,023	-17.3	+74.0	-47.1	4,365	7,182	5,065	7,398	61,232	59,617
3731,95	Shipbuilding and military tank vehicles	550	1,498	974	325	-63.3	+53.8	+199.7	358	1,222	537	72	6,004	4,638
38	Instruments and related products	4,651	4,820	4,530	4,729	-3.5	+6.4	-4.2	4,575	4,414	4,967	4,591	36,668	37,662
24,25, 39	All other durable goods	10,861	10,993	11,620	11,176	-1.2	-5.4	+4.0	11,440	10,412	12,175	11,565	89,241	83,120
	Nondurable goods industries	88,891	88,340	89,065	89,498	+0.6	-0.8	-0.5	89,875	83,722	92,654	89,374	713,956	726,721
	With unfilled orders	22,470	22,616	22,914	21,916	-0.6	-1.3	+4.6	22,812	21,176	23,091	21,794	176,203	166,079
	Market categories:													
	Home goods and apparel	13,312	13,273	13,944	12,963	+0.3	-4.8	+7.6	14,501	12,472	14,387	12,767	107,255	104,813
	Consumer staples	37,133	37,198	37,284	36,918	-0.2	-0.2	+1.0	37,232	35,118	38,964	36,434	288,355	273,355
	Equipment and defense products, except automotive	29,661	32,404	30,495	29,954	-8.5	+6.3	+1.8	25,197	26,847	31,143	27,876	234,836	239,989
	Automotive equipment	18,551	18,631	18,286	18,530	-0.4	+1.9	-1.3	16,592	15,839	20,690	20,031	155,424	149,987
	Construction materials, supplies and intermediate products	17,802	17,980	18,106	18,326	-1.0	-0.7	-1.2	18,683	17,817	19,822	19,049	144,657	136,638
	Other materials, supplies, and intermediate products	75,317	75,074	73,680	75,431	+0.3	+1.9	-2.3	73,730	69,371	76,594	75,632	616,564	646,191
	Supplementary series:[2]													
	Capital goods industries	33,741	37,544	33,674	34,575	-10.1	+11.5	-2.6	28,626	31,409	34,383	31,468	269,251	271,419
	Nondefense	26,287	27,387	26,421	26,145	-4.0	+3.7	+1.1	24,225	24,314	28,674	25,637	208,825	210,351
	Defense	7,454	10,157	7,253	8,430	-26.6	+40.0	-14.0	4,401	7,095	5,709	5,831	60,426	61,068
	Household durable goods industries	6,826	6,762	7,289	6,471	+0.9	-7.2	+12.6	7,175	6,120	7,599	6,698	54,658	51,728

P Preliminary. r Revised.

[1] Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

[2] The supplementary series are regroupings of the separate industry categories: Household durable goods industries includes household furniture; kitchen articles and pottery; cutlery, hand tools, and hardware; household appliances, radio and TV, ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Nondefense capital goods include machinery, except electrical (excluding farm machinery and equipment and machine shops); electrical machinery (excluding household appliances, radio and TV, and electronic components); railroad equipment; and the nondefense portions of ordnance; communication equipment; aircraft and aircraft parts; and shipbuilding, converting and repairing.

Defense capital goods include ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding converting and repairing. The defense data are comparable to those published annually in the MA-175, Shipments to Federal Government Agencies.

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		Aug. 1986P	July 1986r	June 1986	May 1986	July-Aug.P	June-Julyr	May-June	Aug. 1986P	July 1986r	June 1986	May 1986	July 1985
	All manufacturing industries..	364,726	365,948	364,682	366,529	-0.3	+0.3	-0.5	359,878	364,405	365,557	370,886	359,096
	Durable goods industries.....	354,030	355,112	353,872	355,695	-0.3	+0.4	-0.5	349,122	353,438	354,703	359,816	348,831
32	Stone, clay, and glass products...	2,694	2,648	2,715	2,661	+1.7	-2.5	+2.0	2,718	2,737	2,786	2,769	2,535
33	Primary metals.....	19,211	18,343	18,929	19,090	+4.7	-3.1	-0.8	18,788	18,061	18,751	19,532	19,431
331	Blast furnaces, steel mills.....	9,151	8,340	8,808	8,872	+9.7	-5.3	-0.7	8,867	8,106	8,658	9,165	9,071
333-9	Nonferrous and other primary metals.....	6,166	6,200	6,222	6,296	-0.5	-0.4	-1.2	6,117	6,144	6,272	6,453	7,134
34	Fabricated metal products.....	19,296	19,383	19,434	19,635	-0.4	-0.3	-1.0	19,491	19,669	19,763	19,838	20,430
35	Machinery, except electrical.....	56,520	56,288	56,166	56,813	+0.4	+0.2	-1.1	55,995	55,983	56,486	57,445	61,550
351	Engines and turbines.....	14,525	14,785	14,911	14,967	-1.8	-0.8	-0.4	14,517	14,629	14,691	14,937	14,757
353	Construction, mining, and material handling equipment....	4,994	4,962	5,210	5,494	+0.6	-4.8	-5.2	4,939	4,982	5,210	5,538	5,978
354	Metalworking machinery.....	3,655	3,741	3,700	3,884	-2.3	+1.1	-4.7	3,783	3,763	3,685	3,830	4,487
356	General industrial machinery....	4,225	4,231	4,312	4,237	-0.1	-1.9	+1.8	4,229	4,231	4,316	4,279	4,586
357	Office and computing machines...	18,630	17,914	17,452	17,540	+4.0	+2.6	-0.5	18,239	18,039	18,115	18,066	20,998
36	Electrical machinery.....	84,087	85,044	84,263	82,666	-1.1	+0.9	+1.9	83,709	84,576	84,360	83,669	81,150
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	5,444	5,469	5,409	5,501	-0.5	+1.1	-1.7	5,454	5,454	5,395	5,550	6,101
363	Household appliances.....	344	347	338	335	-0.9	+2.7	+0.9	374	379	362	369	429
365	Radio and TV.....	291	313	381	479	-7.0	-17.8	-20.5	438	359	428	458	596
366	Communication equipment.....	60,965	61,502	60,692	59,173	-0.9	+1.3	+2.6	60,208	60,691	60,510	59,655	56,443
367	Electronic components.....	15,430	15,766	15,809	15,614	-2.1	-0.3	+1.2	15,569	16,034	16,046	16,082	16,113
37	Transportation equipment.....	158,651	159,575	158,513	160,869	-0.6	+0.7	-1.5	154,316	158,043	158,328	162,211	148,911
372,6	Aircraft, missiles, and parts...	134,277	134,705	134,229	136,851	-0.3	+0.4	-1.9	130,674	133,763	134,561	138,103	123,354
3731,95	Shipbuilding and military tank vehicles.....	18,644	18,848	18,060	17,786	-1.1	+4.4	+1.5	18,015	18,385	17,856	18,048	18,872
38	Instruments and related products..	8,331	8,456	8,391	8,541	-1.5	+0.8	-1.8	8,402	8,525	8,474	8,530	8,775
24,25, 39	All other durable goods.....	5,240	5,375	5,461	5,420	-2.5	-1.6	+0.8	5,703	5,844	5,757	5,822	6,049
	Nondurable goods industries.....	10,696	10,836	10,810	10,834	-1.3	+0.2	-0.2	10,756	10,967	10,854	11,070	10,265
	Market categories:												
	Home goods and apparel.....	4,012	4,033	4,214	4,327	-0.5	-4.3	-2.6	4,542	4,564	4,572	4,771	5,007
	Consumer staples.....	730	776	771	837	-5.9	+0.6	-7.9	737	744	709	779	616
	Equipment and defense products, except automotive.....	231,657	232,532	230,562	230,818	-0.4	+0.9	-0.1	226,560	230,184	230,908	233,206	224,258
	Automotive equipment.....	5,271	5,552	5,669	5,657	-5.1	-2.1	+0.2	5,166	5,402	5,346	5,476	6,105
	Construction materials, supplies and intermediate products.....	11,959	11,967	11,888	11,998	-0.1	+0.7	-0.9	12,121	12,204	12,133	12,237	12,342
	Other materials, supplies, and intermediate products.....	111,097	111,088	111,578	112,892	0.0	-0.4	-1.2	110,752	111,307	111,889	114,417	110,768
	Supplementary series:[2]												
	Capital goods industries.....	279,840	280,875	278,834	280,367	-0.4	+0.7	-0.5	274,423	278,421	279,182	283,046	270,559
	Nondefense.....	130,619	131,600	131,633	132,455	-0.7	0.0	-0.6	130,187	131,370	131,767	133,015	131,514
	Defense.....	149,221	149,275	147,201	147,912	0.0	+1.4	-0.5	144,236	147,051	147,415	150,031	139,045
	Household durable goods industries.....	3,456	3,522	3,700	3,785	-1.9	-4.8	-2.2	3,971	4,003	4,025	4,175	4,405

See footnotes at end of table 2.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted				Percent change			Not seasonally adjusted[1]				
		End of month							End of month				
		Aug. 1986p	July 1986r	June 1986	May 1986	July-Aug.p	June-Julyr	May-June	Aug. 1986p	July 1986r	June 1986	May 1986	Aug. 1985
	All manufacturing industries..	278,125	278,613	278,410	278,352	-0.2	+0.1	0.0	278,464	278,441	278,858	280,845	284,979
	Manufacturing industries with unfilled orders.....	195,220	195,343	194,995	195,102	-0.1	+0.2	-0.1	196,036	196,374	196,478	197,567	200,734
	Durable goods industries.....	186,564	186,858	187,148	187,637	-0.2	-0.2	-0.3	187,101	187,101	188,023	189,753	192,582
	With unfilled orders.....	171,686	171,854	171,807	171,923	-0.1	0.0	-0.1	172,288	172,396	172,742	173,894	177,020
32	Stone, clay, and glass products...	5,693	5,608	5,593	5,561	+1.5	+0.3	+0.6	5,660	5,621	5,669	5,725	5,791
322	Glass containers.....	640	639	648	638	+0.2	-1.4	+1.6	644	643	658	657	608
33	Primary metals.....	16,268	16,724	16,883	16,903	-2.7	-0.9	-0.1	16,262	16,734	16,857	17,057	18,599
331	Blast furnaces, steel mills.....	6,829	7,164	7,373	7,484	-4.7	-2.8	-1.5	6,890	7,236	7,321	7,447	8,437
333-9	Nonferrous and other primary metals.....	8,241	8,305	8,263	8,171	-0.8	+0.5	+1.1	8,200	8,272	8,288	8,318	8,935
34	Fabricated metal products.....	18,579	18,685	18,832	18,858	-0.6	-0.8	-0.1	18,611	18,811	19,272	19,246	18,649
341	Metal cans, barrels, and drums..	2,124	2,148	2,229	2,148	-1.1	-3.6	+3.8	2,056	2,270	2,485	2,417	2,145
35	Machinery, except electrical.....	37,186	37,220	37,328	38,108	-0.1	-0.3	-2.0	37,244	37,322	37,526	38,588	40,959
351	Engines and turbines.....	1,981	1,942	1,922	1,941	+2.0	+1.0	-1.0	1,946	1,938	1,920	1,962	2,015
352	Farm machinery and equipment....	1,656	1,699	1,678	1,760	-2.5	+1.3	-4.7	1,649	1,672	1,720	1,790	1,816
353	Construction, mining, and material handling equipment....	5,802	5,746	5,776	5,838	+1.0	-0.5	-1.1	5,808	5,717	5,811	5,955	6,499
354	Metalworking machinery.....	2,736	2,741	2,718	2,808	-0.2	+0.8	-3.2	2,766	2,768	2,745	2,833	2,820
356	General industrial machinery....	3,275	3,274	3,236	3,232	0.0	+1.2	+0.1	3,236	3,277	3,268	3,277	3,488
357	Office and computing machines...	10,686	10,760	11,055	11,612	-0.7	-2.7	-4.8	10,878	10,975	11,099	11,728	12,922
36	Electrical machinery.....	34,625	34,570	34,243	34,004	+0.2	+1.0	+0.7	34,825	34,789	34,667	34,564	34,616
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	4,171	4,206	4,188	4,195	-0.8	+0.4	-0.2	4,183	4,213	4,235	4,264	4,540
363	Household appliances.....	2,381	2,414	2,438	2,316	-1.4	-1.0	+5.3	2,329	2,438	2,565	2,511	2,532
365	Radio and TV.....	1,640	1,659	1,635	1,579	-1.1	+1.5	+3.5	1,730	1,722	1,689	1,614	1,447
366	Communication equipment.....	15,326	15,240	15,048	15,002	+0.6	+1.3	+0.3	15,370	15,302	15,041	15,116	14,890
367	Electronic components.....	6,021	5,941	5,965	5,985	+1.3	-0.4	-0.3	6,051	5,989	6,019	6,009	6,369
37	Transportation equipment.....	50,241	50,061	50,434	50,206	+0.4	-0.7	+0.5	50,374	49,694	49,989	50,308	49,525
371	Motor vehicles and parts.....	10,694	10,892	10,856	11,204	-1.8	+0.3	-3.1	10,789	10,410	10,497	11,078	11,659
372,6	Aircraft, missiles, and parts...	36,134	35,774	36,150	35,650	+1.0	-1.0	+1.4	36,281	35,990	36,141	35,949	34,826
3731,95	Shipbuilding and military tank vehicles.....	1,709	1,679	1,634	1,599	+1.8	+2.8	+2.2	1,668	1,682	1,643	1,597	1,433
38	Instruments and related products..	9,534	9,545	9,507	9,542	-0.1	+0.4	-0.4	9,592	9,627	9,681	9,704	9,704
381-4	Scientific and engineering instruments.....	6,681	6,668	6,654	6,705	+0.2	+0.2	-0.8	6,674	6,715	6,767	6,792	6,990
386	Photographic goods.....	2,224	2,242	2,216	2,217	-0.8	+1.2	0.0	2,284	2,267	2,260	2,277	2,086
24,25, 39	All other durable goods.....	14,438	14,445	14,328	14,455	0.0	+0.8	-0.9	14,533	14,503	14,362	14,561	14,739
	Nondurable goods industries.....	91,561	91,755	91,262	90,715	-0.2	+0.5	+0.6	91,363	91,340	90,835	91,092	92,397
	With unfilled orders.....	23,534	23,489	23,188	23,179	+0.2	+1.3	0.0	23,748	23,978	23,736	23,673	23,714
20	Food and kindred products.....	21,687	21,782	21,288	21,063	-0.4	+2.3	+1.1	21,576	20,806	20,050	20,252	21,325
201	Meat products.....	2,350	2,299	2,154	2,093	+2.2	+6.7	+2.9	2,216	2,223	2,154	2,183	2,204
208	Beverages.....	3,548	3,562	3,470	3,395	-0.4	+2.7	+2.2	3,395	3,462	3,460	3,470	3,406
207	Fats and oils.....	996	1,031	991	968	-3.4	+4.0	+2.4	821	892	919	919	1,034
203-6,9	All other foods.....	13,026	13,175	12,942	12,882	-1.1	+1.8	+0.5	13,352	12,464	11,751	11,903	12,947
21	Tobacco products.....	2,982	3,086	3,057	3,202	-3.4	+0.9	-4.5	2,806	2,796	2,886	3,125	3,030
22	Textile mill products.....	6,349	6,531	6,617	6,535	-2.8	-1.3	+1.3	6,335	6,573	6,709	6,732	6,581
26	Paper and allied products.....	10,107	10,029	9,825	9,757	+0.8	+2.1	+0.7	10,019	10,086	9,993	9,987	9,568
261-3,6	Pulp, paper etc.....	3,882	3,931	3,882	3,883	-1.2	+1.3	0.0	3,873	3,933	3,918	3,952	3,688
265	Paperboard containers.....	2,380	2,298	2,259	2,255	+3.6	+1.7	+0.2	2,378	2,342	2,315	2,300	2,343
264	All other paper products.....	3,845	3,800	3,684	3,619	+1.2	+3.1	+1.8	3,768	3,811	3,760	3,735	3,537
28	Chemicals and allied products.....	22,177	22,252	22,203	21,499	-0.3	+0.2	+3.3	22,065	22,241	22,023	21,678	21,727
281,6	Industrial chemicals, except pigments.....	6,673	6,661	6,702	6,508	+0.2	-0.6	+3.0	6,680	6,694	6,689	6,573	6,699
283,4	Drugs, soaps, and toiletries....	7,402	7,334	7,180	7,057	+0.9	+2.1	+1.7	7,409	7,371	7,288	7,240	6,908
29	Petroleum and coal products.....	5,767	5,852	6,161	6,302	-1.5	-5.0	-2.2	5,783	5,858	6,071	6,212	7,385
30	Rubber and plastics products.....	6,321	6,301	6,271	6,350	+0.3	+0.5	-1.2	6,186	6,313	6,401	6,533	6,107
23,27, 31	All other nondurable goods.....	16,171	15,922	15,840	16,007	+1.6	+0.5	-1.0	16,593	16,667	16,702	16,573	16,674
	Market categories:												
	Home goods and apparel.....	22,509	22,411	22,366	22,219	+0.4	+0.2	+0.7	22,832	23,060	23,350	23,149	22,584
	Consumer staples.....	34,831	34,930	34,188	34,067	-0.3	+2.2	+0.4	34,808	33,949	33,072	33,444	34,078
	Equipment and defense products, except automotive.....	82,885	82,865	82,840	83,287	0.0	0.0	-0.5	82,924	83,058	83,112	84,139	86,159
	Automotive equipment.....	12,994	13,181	13,237	13,594	-1.4	-0.4	-2.6	12,978	12,580	12,830	13,464	13,939
	Construction materials, supplies and intermediate products.....	18,544	18,454	18,651	18,914	+0.5	-1.1	-1.4	18,501	18,455	18,822	19,108	19,092
	Other materials, supplies, and intermediate products.....	106,362	106,772	107,128	106,271	-0.4	-0.3	+0.8	106,421	107,339	107,672	107,541	109,127
	Supplementary series:[2]												
	Capital goods industries.....	97,238	96,834	96,956	96,990	+0.4	-0.1	0.0	97,529	97,300	97,395	98,111	98,811
	Nondefense.....	68,469	68,685	68,839	69,236	-0.3	-0.2	-0.6	68,666	68,728	68,905	69,885	72,804
	Defense.....	28,769	28,149	28,117	27,754	+2.2	+0.1	+1.3	28,863	28,572	28,490	28,226	26,007
	Household durable goods industries.....	11,613	11,638	11,460	11,252	-0.2	+1.6	+1.8	11,808	11,857	11,776	11,619	11,627

See footnotes at end of table 2.

Table 5. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		Aug. 1986p	July 1986r	June 1986	May 1986	July–Aug.p	June–July r	May–June	Aug. 1986p	July 1986r	June 1986	May 1986	Aug. 1985
	MATERIALS AND SUPPLIES												
	All manufacturing industries..	86,866	87,023	86,848	86,276	-0.2	+0.2	+0.7	86,585	86,942	86,521	86,456	89,891
	Durable goods industries.....	51,216	51,338	51,559	51,387	-0.2	-0.4	+0.3	51,461	51,460	51,392	51,347	54,463
32	Stone, clay, and glass products...	1,760	1,749	1,742	1,758	+0.6	+0.4	-0.9	1,770	1,753	1,737	1,748	1,845
33	Primary metals.....	4,647	4,836	4,772	4,787	-3.9	+1.3	-0.3	4,636	4,792	4,694	4,671	5,592
34	Fabricated metal products.....	6,992	7,101	7,296	7,095	-1.5	-2.7	+2.8	7,003	7,165	7,306	7,137	7,300
35	Machinery, except electrical.....	10,458	10,281	10,387	10,297	+1.7	-1.0	+0.9	10,429	10,335	10,415	10,404	11,679
36	Electrical Machinery.....	7,881	7,961	7,955	7,900	-1.0	+0.1	+0.7	7,949	8,108	8,009	7,945	8,425
37	Transportation equipment.....	11,496	11,395	11,374	11,480	+0.9	+0.2	-0.9	11,633	11,293	11,361	11,524	11,498
38	Instruments and related products..	2,656	2,682	2,642	2,677	-1.0	+1.5	-1.3	2,657	2,683	2,653	2,679	2,726
24,25, 39	All other durable goods.....	5,326	5,333	5,391	5,393	-0.1	-1.1	0.0	5,384	5,331	5,217	5,239	5,398
	Nondurable goods industries.....	35,650	35,685	35,289	34,889	-0.1	+1.1	+1.1	35,124	35,482	35,129	35,109	35,428
20	Food and kindred products.....	7,969	7,963	7,781	7,516	+0.1	+2.3	+3.5	7,558	7,626	7,468	7,467	7,239
21	Tobacco products.....	2,419	2,552	2,499	2,677	-5.2	+2.1	-6.6	2,301	2,335	2,430	2,645	2,610
22	Textile mill products.....	1,947	1,964	2,112	2,052	-0.9	-7.0	+2.9	1,943	2,014	2,156	2,120	2,043
26	Paper and allied products.....	4,963	4,921	4,860	4,860	+0.9	+1.3	0.0	4,920	4,958	4,902	4,861	4,680
28	Chemicals and allied products.....	8,403	8,382	8,259	7,852	+0.3	+1.5	+5.2	8,419	8,450	8,183	7,925	8,167
29	Petroleum and coal products.....	1,647	1,627	1,659	1,649	+1.2	-1.9	+0.6	1,617	1,643	1,703	1,758	1,909
30	Rubber and plastics products.....	2,280	2,205	2,269	2,268	+3.4	-2.8	0.0	2,206	2,231	2,290	2,288	2,059
23,27, 31	All other nondurable goods.....	6,022	6,071	5,850	6,015	-0.8	+3.8	-2.7	6,160	6,225	5,997	6,045	6,721
	WORK IN PROCESS												
	All manufacturing industries..	104,320	104,306	104,856	104,411	0.0	-0.5	+0.4	104,841	104,285	104,699	105,287	106,179
	Durable goods industries.....	90,791	90,518	90,918	90,714	+0.3	-0.4	+0.2	91,139	90,420	90,890	91,456	91,829
32	Stone, clay, and glass products...	759	766	732	723	-0.9	+4.6	+1.2	745	751	750	750	818
33	Primary metals.....	6,849	6,874	6,969	6,960	-0.4	-1.4	+0.1	6,942	6,943	6,931	7,041	7,495
34	Fabricated metal products.....	6,772	6,769	6,765	6,890	0.0	+0.1	-1.8	6,810	6,884	6,992	7,070	6,701
35	Machinery, except electrical.....	15,252	15,094	15,338	15,418	+1.0	-1.6	-0.5	15,256	14,961	15,303	15,563	16,499
36	Electrical Machinery.....	20,354	20,157	19,954	19,851	+1.0	+1.0	+0.5	20,469	20,207	20,110	20,105	19,689
37	Transportation equipment.....	33,527	33,591	33,960	33,593	-0.2	-1.1	+1.1	33,591	33,356	33,513	33,585	32,737
38	Instruments and related products..	3,945	3,950	3,985	4,061	-0.1	-0.9	-1.9	3,969	3,980	4,070	4,105	4,220
24,25, 39	All other durable goods.....	3,333	3,317	3,215	3,218	+0.5	+3.2	-0.1	3,357	3,338	3,221	3,237	3,670
	Nondurable goods industries.....	13,529	13,788	13,938	13,697	-1.9	-1.1	+1.8	13,702	13,865	13,809	13,831	14,350
20	Food and kindred products.....	1,665	1,700	1,616	1,593	-2.1	+5.2	+1.4	1,618	1,633	1,587	1,591	1,603
21	Tobacco products.....	276	258	334	249	+7.0	-22.8	+34.1	237	201	214	195	173
22	Textile mill products.....	1,850	1,984	1,949	1,960	-6.8	+1.8	-0.6	1,843	1,959	1,916	1,972	1,888
26	Paper and allied products.....	1,169	1,169	1,090	1,107	0.0	+7.2	-1.5	1,202	1,187	1,113	1,122	1,157
28	Chemicals and allied products.....	3,338	3,469	3,481	3,396	-3.8	-0.3	+2.5	3,368	3,494	3,484	3,458	3,671
29	Petroleum and coal products.....	762	764	881	867	-0.3	-13.3	+1.6	793	782	898	899	1,209
30	Rubber and plastics products.....	1,185	1,175	1,153	1,209	+0.9	+1.9	-4.6	1,213	1,193	1,143	1,186	1,184
23,27, 31	All other nondurable goods.....	3,284	3,269	3,434	3,316	+0.5	-4.8	+3.6	3,428	3,416	3,454	3,408	3,465
	FINISHED GOODS												
	All manufacturing industries..	86,939	87,284	86,706	87,665	-0.4	+0.7	-1.1	87,038	87,214	87,638	89,102	88,909
	Durable goods industries.....	44,557	45,002	44,671	45,536	-1.0	+0.7	-1.9	44,501	45,221	45,741	46,950	46,290
32	Stone, clay, and glass products...	3,174	3,093	3,119	3,080	+2.6	-0.8	+1.3	3,145	3,117	3,182	3,227	3,128
33	Primary metals.....	4,772	5,014	5,142	5,156	-4.8	-2.5	-0.3	4,684	4,999	5,232	5,345	5,512
34	Fabricated metal products.....	4,815	4,815	4,771	4,873	0.0	+0.9	-2.1	4,798	4,762	4,974	5,039	4,648
35	Machinery, except electrical.....	11,476	11,845	11,603	12,393	-3.1	+2.1	-6.4	11,559	12,026	11,808	12,621	12,781
36	Electrical Machinery.....	6,390	6,452	6,334	6,253	-1.0	+1.9	+1.3	6,407	6,474	6,548	6,514	6,502
37	Transportation equipment.....	5,218	5,075	5,100	5,133	+2.8	-0.5	-0.6	5,150	5,045	5,115	5,199	5,290
38	Instruments and related products..	2,933	2,913	2,880	2,804	+0.7	+1.1	+2.7	2,966	2,964	2,958	2,920	2,758
24,25, 39	All other durable goods.....	5,779	5,795	5,722	5,844	-0.3	+1.3	-2.1	5,792	5,834	5,924	6,085	5,671
	Nondurable goods industries.....	42,382	42,282	42,035	42,129	+0.2	+0.6	-0.2	42,537	41,993	41,897	42,152	42,619
20	Food and kindred products.....	12,053	12,119	11,891	11,954	-0.5	+1.9	-0.5	12,400	11,547	10,995	11,194	12,483
21	Tobacco products.....	287	276	224	276	+4.0	+23.2	-18.8	268	260	242	285	247
22	Textile mill products.....	2,552	2,583	2,556	2,523	-1.2	+1.1	+1.3	2,549	2,600	2,637	2,640	2,650
26	Paper and allied products.....	3,975	3,939	3,875	3,790	+0.9	+1.7	+2.2	3,897	3,941	3,978	4,004	3,731
28	Chemicals and allied products.....	10,436	10,401	10,463	10,251	+0.3	-0.6	+2.1	10,278	10,297	10,356	10,295	9,889
29	Petroleum and coal products.....	3,358	3,461	3,621	3,786	-3.0	-4.4	-4.4	3,373	3,433	3,470	3,555	4,267
30	Rubber and plastics products.....	2,856	2,921	2,849	2,873	-2.2	+2.5	-0.8	2,767	2,889	2,968	3,059	2,864
23,27, 31	All other nondurable goods.....	6,865	6,582	6,556	6,676	+4.3	+0.4	-1.8	7,005	7,026	7,251	7,120	6,488

[p]Preliminary. [r]Revised.

Table 6. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP

(Based on seasonally adjusted data)

SIC Code	Industry	Inventory/shipments ratio				Unfilled orders/shipments ratio[1]			
		Aug. 1986P	July 1986r	June 1986	May 1986	Aug. 1986P	July 1986r	June 1986	May 1986
	All manufacturing industries	1.44	1.44	1.44	1.44	3.41	3.38	3.36	3.46
	Durable goods industries	1.79	1.78	1.79	1.81	4.19	4.14	4.13	4.23
32	Stone, clay, and glass products	1.17	1.15	1.15	1.13	0.61	0.60	0.61	0.59
33	Primary metals	1.74	1.73	1.78	1.72	2.05	1.90	2.00	1.94
34	Fabricated metal products	1.34	1.33	1.33	1.33	1.49	1.48	1.47	1.49
35	Machinery, except electrical	2.26	2.18	2.13	2.27	3.62	3.44	3.36	3.56
36	Electrical machinery	2.05	2.14	2.10	2.19	4.98	5.26	5.16	5.33
37	Transportation equipment	1.88	1.83	1.95	1.89	10.76	10.33	10.99	10.98
38	Instruments and related products	2.00	2.01	2.03	2.05	1.74	1.78	1.79	1.84
	Nondurable goods industries	1.03	1.04	1.02	1.01	0.47	0.48	0.47	0.50
20	Food and kindred products	0.83	0.82	0.84	0.82	(X)	(X)	(X)	(X)
21	Tobacco products	1.67	2.07	1.44	1.56	(X)	(X)	(X)	(X)
22	Textile mill products	1.37	1.42	1.50	1.54	(NA)	(NA)	(NA)	(NA)
26	Paper and allied products	1.08	1.08	1.08	1.10	(NA)	(NA)	(NA)	(NA)
28	Chemicals and allied products	1.23	1.26	1.28	1.24	(X)	(X)	(X)	(X)
29	Petroleum and coal products	0.53	0.55	0.55	0.50	(X)	(X)	(X)	(X)
30	Rubber and plastics products	1.66	1.68	1.57	1.57	(X)	(X)	(X)	(X)

P Preliminary. r Revised. (X) Not applicable. (NA) Not available.

[1] Excludes the following industries with no unfilled orders: Wood and lumber products; glass containers; metal cans, barrels, and drums; farm machinery and equipment; motor vehicle assembly operations; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.

Table 7. AVERAGE REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES

(Based on seasonally adjusted data)

SIC Code	Industry	Shipments			New orders			Unfilled orders			Inventories		
		Year ago Aug. 1985	All Augs. 1981-1985	Aug. 1985-July 1986	Year ago Aug. 1985	All Augs. 1981-1985	Aug. 1985-July 1986	Year ago Aug. 1985	All Augs. 1981-1985	Aug. 1985-July 1986	Year ago Aug. 1985	All Augs. 1981-1985	Aug. 1985-July 1986
	All manufacturing industries.	0.3	0.3	0.3	0.6	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1
	Durable goods industries	0.1	0.3	0.4	0.6	0.5	0.5	0.2	0.1	0.1	0.1	0.1	0.1
32	Stone, clay, and glass products	2.7	1.3	1.2	3.1	1.6	1.2	0.7	1.0	0.8	0.2	0.4	0.2
33	Primary metals	0.9	0.4	0.8	1.5	0.7	0.8	1.3	0.4	0.4	0.1	0.1	0.2
34	Fabricated metal products	0.1	0.6	1.0	0.6	1.3	1.4	0.3	0.4	0.5	0.1	0.2	0.5
35	Machinery, except electrical	0.0	0.8	0.5	0.4	1.8	1.1	0.1	0.4	0.2	0.1	0.1	0.1
36	Electrical machinery	0.2	0.4	0.9	0.4	1.3	1.3	0.0	0.2	0.2	0.0	0.1	0.2
37	Transportation equipment	0.1	0.5	0.3	1.1	0.9	1.4	0.2	0.2	0.2	0.4	0.2	0.1
38	Instruments and related products.	1.5	0.8	1.0	3.2	1.0	1.4	0.0	0.3	0.4	0.4	0.2	0.3
	Nondurable goods industries	0.8	0.5	0.4	0.8	0.4	0.4	0.0	0.3	0.4	0.1	0.2	0.2
20	Food and kindred products	1.1	0.7	0.6	(X)	(X)	(X)	(X)	(X)	(X)	0.3	0.8	0.3
21	Tobacco products	0.0	0.0	0.5	(X)	(X)	(X)	(X)	(X)	(X)	0.0	0.0	0.1
22	Textile mill products	0.5	0.6	1.3	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.1	0.2	1.1
26	Paper and allied products	0.8	0.6	0.6	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.0	0.1	0.3
28	Chemicals and allied product	0.3	1.0	0.8	(X)	(X)	(X)	(X)	(X)	(X)	0.6	0.4	0.4
29	Petroleum and coal products	0.2	0.4	1.0	(X)	(X)	(X)	(X)	(X)	(X)	0.2	0.8	0.6
30	Rubber and plastics products	0.9	1.0	1.0	(X)	(X)	(X)	(X)	(X)	(X)	0.3	0.5	0.6
	Capital goods industries:												
	Nondefense	0.1	0.5	0.5	0.3	1.1	0.7	0.1	0.1	0.1	0.0	0.0	0.1
	Defense	0.1	0.6	0.9	3.1	1.4	3.8	0.2	0.1	0.2	0.1	0.1	0.3

(X) Not Applicable (NA) Not available.

Note: The revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences for the durable goods industries are shown in the advance report for the month.

U.S. Department of Commerce
BUREAU OF THE CENSUS
Washington, D.C. 20233

Official Business
Penalty for Private Use, $300

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE
COM-202

First Class Mail

M 3-1(86)-9

CURRENT INDUSTRIAL REPORTS

Manufacturers' Shipments, Inventories, and Orders

September 1986

U.S. Department of Commerce
BUREAU OF THE CENSUS

M3-1(86)-9
For Wire Transmission 10:00 a.m. E.S.T. Friday, October 31, 1986

(All Figures in text are in seasonally adjusted current dollars)

NEWARK PUBLIC LIBRARY

DEC 2 1986

SUMMARY. New orders for manufactured goods in September increased $6.6 billion or 3.4 percent to $199.4 billion, the largest 1-month increase since the 4.4 percent gain in November 1984. Durable goods were up 5.0 percent and nondurables 1.6 percent.

Shipments of manufactured goods increased $3.0 billion or 1.5 percent to $196.3 billion, following 3 months of little change. Durable goods in September were up 1.9 percent and nondurables 1.1 percent.

Unfilled orders held by manufacturers increased $3.1 billion or 0.9 percent to $368.6 billion, the largest increase since the 0.9 percent increase in September 1985. Manufacturers' inventories declined $0.7 billion or 0.2 percent to $276.8 billion, continuing a downward trend which began in April 1985. The inventory to shipments ratio in September dropped to 1.41 from the 1.44 ratio of the prior 4 months.

NEW ORDERS. The increase in September new orders resulted from widespread increases in both the durable and nondurable goods areas. Of the $5.2 billion increase in durable goods, transportation equipment was up $2.3 billion or 8.5 percent to $29.0 billion and electrical machinery, up $1.8 billion or 11.0 percent to $17.7 billion, with smaller increases in other major industries except primary metals. About half of the increase in transportation was in aircraft and parts and the other half in motor vehicles and parts. (A large part of the motor vehicle increase reflects an increase in shipments.) About half of the increase in electrical machinery was in communication equipment, with the rest distributed among all of the other electrical categories. Nonelectrical machinery orders were up $0.2 billion or 1.3 percent to $16.8 billion, with larger offsetting movements occurring in the various categories; the largest increase was in engines and turbines, up $0.7 billion and the largest decline in office and computing equipment, down $0.8 billion.

The increase in nondurable goods of $1.4 billion or 1.6 percent to $90.4 billion was widespread and mostly reflected shipments increases.

SHIPMENTS. Shipments of durable goods were up $2.0 billion or 1.9 percent to $106.1 billion. All of the major industries except instruments and related products increased. Electrical machinery was up $0.4 billion, primary metals, fabricated metals, and nonelectrical machinery were each up $0.3 billion and transportation equipment $0.2 billion. Within transportation, an increase in motor vehicles and parts of $0.8 billion or 4.7 percent more than offset declines in the other categories.

Increases in shipments in the nondurable goods sector also were widespread with only chemicals and petroleum products declining.

UNFILLED ORDERS. Virtually all of the increase in unfilled orders was in durable goods, up $2.9 billion or 0.8 percent. $1.9 billion of the increase was in transportation equipment with both defense and nondefense aircraft and parts increasing. Electrical machinery was up $0.5 billion, most of that due to an increase in nondefense communication equipment. The slight increase in nonelectrical machinery resulted mostly from offsetting movements in the specific categories.

INVENTORIES. Inventories of durable goods manufacturers were estimated at $186.2 billion, showing little change from August; increases in transportation equipment and fabricated metals were nearly offset by declines in most of the other categories. Inventories of nondurable goods manufacturers declined $0.8 billion or 0.9 percent to $90.6 billion, mostly due to a $0.7 billion or 3.0 percent decline in food products and a $0.3 billion or 6.0 percent decline in petroleum products.

Inventories by stage of fabrication showed little change in materials and supplies and work in process. Finished goods inventories, however, declined 1.2 percent; durable goods were down 0.7 percent and nondurables 1.7 percent.

SCHEDULED RELEASE DATES. The advance report on durable goods for October is scheduled for release on November 25, 1986 at 8:30 a.m. and the full report on December 4, 1986 at 10:00 a.m.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Ruth Runyan or Kathleen Menth, (301) 763-2502 or (301) 763-2512.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. This press release is also available on the date of issue through the Census Bureau's online information service-CENDATA™. The online version of the report can be read from a terminal screen, printed on- or off-line, or copied to a computer file for future use. CENDATA is available from Dialog Information Services, Inc. (800/334-2564). Further information about accessing CENDATA can be obtained from Dialog. The CENDATA Staff at the Bureau of the Census (301/763-2074) can provide content information and general guidance, or write for a brochure to CENDATA, DUSD, Bureau of the Census, Washington, DC 20233.

C 3.158/2:

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted				Percent change			Not seasonally adjusted[1]					
		Monthly							Monthly				Year to date	
		Sept. 1986P	Aug. 1986r	July 1986	June 1986	Aug.-Sept.P	July-Aug.r	June-July	Sept. 1986P	Aug. 1986r	July 1986	June 1986	1986P	1985
	All manufacturing industries	196,275	193,305	193,294	193,642	+1.5	0.0	-0.2	207,001	190,795	178,616	206,929	1,755,907	1,749,321
	Manufacturing industries with unfilled orders	109,803	107,264	108,326	108,581	+2.4	-1.0	-0.2	115,820	105,573	98,950	116,042	968,305	946,014
	Durable goods industries	106,145	104,154	104,980	104,553	+1.9	-0.8	+0.4	111,905	100,573	95,007	114,059	947,006	927,625
	With unfilled orders	86,328	84,714	85,736	85,643	+1.9	-1.2	+0.1	91,310	82,606	77,887	92,735	767,935	757,911
32	Stone, clay, and glass products	4,965	4,760	4,876	4,873	+4.3	-2.4	+0.1	5,422	5,066	4,824	5,363	44,767	43,356
322	Glass containers	419	424	4 5	414	-1.2	-4.7	+7.5	434	459	441	462	3,919	3,683
33	Primary metals	9,672	9,358	9,646	9,484	+3.4	-3.0	+1.7	9,763	9,183	8,778	10,171	89,793	98,130
331	Blast furnaces, steel mills	3,828	3,638	4,146	3,886	+5.2	-12.3	+6.7	3,751	3,543	3,781	4,216	36,634	40,179
333-9	Nonferrous and other primary metals	4,710	4,601	4,307	4,435	+2.4	+6.8	-2.9	4,884	4,527	3,958	4,666	42,306	44,814
34	Fabricated metal products	14,242	13,910	14,044	14,199	+2.4	-1.0	-1.1	15,023	14,160	13,114	15,353	128,211	125,662
341	Metal cans, barrels, and drums	834	920	933	957	-9.3	-1.4	-2.5	943	1,087	1,017	1,084	8,588	8,848
35	Machinery, except electrical	16,712	16,433	17,111	17,535	+1.7	-4.0	-2.4	17,760	15,216	15,466	19,353	153,105	158,020
351	Engines and turbines	1,235	1,159	1,088	1,241	+6.6	+6.5	-12.3	1,298	1,063	968	1,377	11,100	11,283
352	Farm machinery and equipment	773	835	725	825	-7.4	+15.2	-12.1	799	680	585	907	7,530	7,788
353	Construction, mining, and material handling equipment	2,349	2,498	2,872	2,713	-6.0	-13.0	+5.9	2,504	2,276	2,820	2,965	25,421	24,939
354	Metalworking machinery	898	787	808	915	+14.1	-2.6	-11.7	981	738	709	961	7,657	7,630
356	General industrial machinery	1,509	1,319	1,551	1,487	+14.4	-15.0	+4.3	1,538	1,327	1,436	1,533	13,197	12,490
357	Office and computing machines	4,261	4,018	4,170	4,572	+6.0	-3.6	-8.8	4,781	3,737	3,478	5,166	34,851	40,187
36	Electrical machinery	17,234	16,883	16,172	16,316	+2.1	+4.4	-0.9	18,342	16,375	14,643	17,537	144,475	136,664
361,2	Electrical transmission and distribution equipment and industrial apparatus	2,132	2,143	2,170	2,117	-0.5	-1.2	+2.5	2,301	2,069	1,891	2,277	19,062	18,400
363	Household appliances	1,614	1,515	1,551	1,489	+6.5	-2.3	+4.2	1,767	1,609	1,535	1,636	13,464	12,931
365	Radio and TV	1,220	1,166	1,092	1,031	+4.6	+6.8	+5.9	1,441	1,139	988	1,196	9,471	8,062
366	Communication equipment	5,896	5,791	5,140	5,478	+1.8	+12.7	-6.2	5,997	5,487	4,659	5,917	47,903	45,466
367	Electronic components	3,233	3,347	3,288	3,253	-3.4	+1.8	+1.1	3,437	3,270	2,982	3,451	29,650	29,614
37	Transportation equipment	27,067	26,855	27,297	25,887	+0.8	-1.6	+5.4	28,099	24,095	23,494	29,019	243,654	232,082
371	Motor vehicles and parts	17,763	16,970	16,884	16,455	+4.7	+0.5	+2.6	18,389	14,949	13,968	18,830	159,138	152,587
372,6	Aircraft, missiles, and parts	7,718	8,163	8,750	7,925	-5.5	-6.7	+10.4	8,201	7,563	7,980	8,607	70,400	64,570
3731,95	Shipbuilding and military tank vehicles	647	754	710	700	-14.2	+6.2	+1.4	655	728	693	729	6,231	7,424
38	Instruments and related products	4,572	4,727	4,755	4,680	-3.3	-0.6	+1.6	4,946	4,650	4,363	5,023	41,768	42,184
381-4	Scientific and engineering instruments	2,927	3,169	3,089	3,103	-7.6	+2.6	-0.5	3,155	3,106	2,783	3,289	27,476	27,742
386	Photographic goods	1,492	1,399	1,474	1,415	+6.6	-5.1	+4.2	1,622	1,381	1,396	1,561	12,716	12,716
24,25, 39	All other durable goods	11,681	11,228	11,079	11,579	+4.0	+1.3	-4.3	12,550	11,828	10,325	12,240	101,233	93,527
	Nondurable goods industries	90,130	89,151	88,314	89,089	+1.1	+0.9	-0.9	95,096	90,222	83,609	92,870	808,901	821,696
	With unfilled orders	23,475	22,550	22,590	22,938	+4.1	-0.2	-1.5	24,510	22,967	21,063	23,307	200,370	188,103
20	Food and kindred products	26,616	26,286	26,420	25,490	+1.3	-0.5	+3.6	28,373	26,268	24,971	26,698	230,979	221,752
201	Meat products	6,131	6,102	5,983	5,683	+0.5	+2.0	+5.3	6,266	6,303	5,780	5,802	51,024	50,541
208	Beverages	4,029	4,013	3,934	3,876	+0.4	+2.0	+1.5	4,057	4,290	4,217	4,457	36,530	34,507
207	Fats and oils	1,078	1,077	958	998	+0.1	+12.4	-4.0	1,093	1,050	914	1,013	9,462	10,343
203-6,9	All other foods	12,115	11,723	12,170	11,674	+3.3	-3.7	+4.2	13,593	11,254	10,685	12,001	104,346	97,118
21	Tobacco products	1,820	1,781	1,491	2,127	+2.2	+19.5	-29.9	2,018	1,882	1,373	2,331	15,817	14,887
22	Textile mill products	4,768	4,618	4,592	4,398	+3.2	+0.6	+4.4	5,148	4,825	3,925	4,814	40,604	39,035
26	Paper and allied products	9,529	9,299	9,317	9,125	+2.5	-0.2	+2.1	9,719	9,485	8,821	9,532	81,579	73,637
261-3,6	Pulp, paper etc	4,065	3,929	4,025	3,836	+3.5	-2.4	+4.9	4,103	3,957	3,771	4,035	34,453	31,551
265	Paperboard containers	1,860	1,838	1,827	1,825	+1.2	+0.6	+0.1	1,920	1,884	1,732	1,902	16,496	16,407
264	All other paper products	3,604	3,532	3,465	3,464	+2.0	+1.9	0.0	3,696	3,644	3,318	3,595	30,630	25,679
28	Chemicals and allied products	17,665	18,060	17,635	17,346	-2.2	+2.4	+1.7	18,458	17,593	16,195	18,508	162,146	163,038
281,6	Industrial chemicals, except pigments	5,876	5,937	5,807	5,708	-1.0	+2.2	+1.7	5,900	5,830	5,459	6,050	53,081	53,922
283,4	Drugs, soaps, and toiletries	5,095	5,153	5,048	5,199	-1.1	+2.1	-2.9	5,982	5,189	4,563	5,552	46,087	41,886
29	Petroleum and coal products	10,690	10,880	10,677	11,278	-1.7	+1.9	-5.3	10,978	11,023	10,731	11,643	110,596	143,998
30	Rubber and plastics products	3,945	3,804	3,759	4,002	+3.7	+1.2	-6.1	4,208	3,925	3,619	4,315	35,814	36,434
23,27, 31	All other nondurable goods	15,097	14,423	14,423	15,323	+4.7	0.0	-5.9	16,194	15,221	13,974	15,029	131,366	128,915
	Market categories:													
	Home goods and apparel	14,192	13,631	13,454	14,057	+4.1	+1.3	-4.3	15,990	14,845	12,480	14,586	122,643	118,628
	Consumer staples	38,096	37,280	37,193	37,350	+2.2	+0.2	-0.4	40,923	37,341	35,083	39,034	329,376	310,329
	Equipment and defense products, except automotive	29,806	30,631	30,434	30,751	-2.7	+0.6	-1.0	31,689	28,916	27,571	33,441	268,320	267,482
	Automotive equipment	19,669	18,831	18,748	18,274	+4.5	+0.4	+2.6	20,302	16,829	15,783	20,820	176,115	170,176
	Construction materials, supplies and intermediate products	18,379	17,685	17,901	18,216	+3.9	-1.2	-1.7	19,706	18,633	17,746	19,926	164,085	155,424
	Other materials, supplies, and intermediate products	76,133	75,247	75,564	74,994	+1.2	-0.4	+0.8	78,391	74,231	69,953	79,122	695,368	727,282
	Supplementary series:[2]													
	Capital goods industries	34,825	34,928	35,503	35,207	-0.3	-1.6	+0.8	36,924	32,775	32,170	38,247	307,443	300,610
	Nondefense	27,155	27,284	27,420	27,243	-0.5	-0.5	+0.6	28,885	25,425	24,711	29,922	240,242	240,095
	Defense	7,670	7,644	8,083	7,964	+0.3	-5.4	+1.5	8,039	7,350	7,459	8,325	67,201	60,515
	Household durable goods industries	7,540	7,147	6,940	7,374	+5.5	+3.0	-5.9	8,583	7,477	6,142	7,749	62,720	58,277

See footnotes at end of table 2.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]					
		Monthly				Percent change			Monthly				Year to date	
		Sept. 1986P	Aug. 1986r	July 1986	June 1986	Aug.-Sept.P	July-Aug.r	June-July	Sept. 1986P	Aug. 1986r	July 1986	June 1986	1986P	1985
	All manufacturing industries	199,402	192,836	194,560	191,795	+3.4	-0.9	+1.4	208,328	186,986	177,464	201,600	1,756,470	1,756,671
	Manufacturing industries with unfilled orders	112,930	106,795	109,592	106,734	+5.7	-2.6	+2.7	117,147	101,764	97,798	110,713	968,868	953,363
	Durable goods industries	108,996	103,845	106,220	102,730	+5.0	-2.2	+3.4	113,040	96,996	93,742	108,946	947,111	934,591
	With unfilled orders	89,179	84,405	86,976	83,820	+5.7	-3.0	+3.8	92,445	79,029	76,622	87,622	768,040	764,877
32	Stone, clay, and glass products	4,970	4,787	4,809	4,927	+3.8	-0.5	-2.4	5,371	5,028	4,775	5,380	44,782	43,437
33	Primary metals	9,813	10,245	9,060	9,323	-4.2	+13.1	-2.8	9,563	9,929	8,088	9,390	89,270	96,549
331	Blast furnaces, steel mills	4,178	4,488	3,678	3,822	-6.9	+22.0	-3.8	3,871	4,342	3,229	3,709	36,753	40,363
333-9	Nonferrous and other primary metals	4,520	4,557	4,285	4,361	-0.8	+6.3	-1.7	4,606	4,490	3,830	4,485	41,389	44,735
34	Fabricated metal products	13,998	13,702	13,993	13,998	+2.2	-2.1	0.0	14,706	13,859	13,020	15,278	127,305	124,805
35	Machinery, except electrical	16,818	16,603	17,233	16,888	+1.3	-3.7	+2.0	17,387	15,168	14,963	18,394	149,614	158,210
351	Engines and turbines	1,563	900	962	1,185	+73.7	-6.4	-18.8	1,533	952	906	1,131	10,826	10,719
353	Construction, mining, and material handling equipment	2,176	2,517	2,624	2,429	-13.5	-4.1	+8.0	2,328	2,220	2,592	2,637	23,854	25,219
354	Metalworking machinery	985	693	849	731	+42.1	-18.4	+16.1	970	750	787	816	7,543	8,471
356	General industrial machinery	1,462	1,303	1,470	1,562	+12.2	-11.4	-5.9	1,433	1,315	1,351	1,570	13,068	12,397
357	Office and computing machines	3,913	4,735	4,632	4,484	-17.4	+2.2	+3.3	4,312	3,938	3,402	5,215	33,732	40,642
36	Electrical machinery	17,706	15,952	16,953	17,913	+11.0	-5.9	-5.4	18,652	15,533	14,859	18,228	147,078	140,932
361,2	Electrical transmission and distribution equipment and industrial apparatus	2,239	2,131	2,230	2,025	+5.1	-4.4	+10.1	2,374	2,082	1,950	2,122	18,861	18,260
363	Household appliances	1,669	1,516	1,560	1,492	+10.1	-2.8	+4.6	1,795	1,609	1,552	1,629	13,514	12,984
365	Radio and TV	1,303	1,140	1,024	933	+14.3	+11.3	+9.8	1,524	1,212	919	1,166	9,548	8,264
366	Communication equipment	6,133	5,264	5,950	6,997	+16.5	-11.5	-15.0	6,498	5,014	4,840	6,772	51,089	52,831
367	Electronic components	3,191	3,014	3,245	3,448	+5.9	-7.1	-5.9	3,071	2,808	2,970	3,415	28,886	26,311
37	Transportation equipment	28,979	26,704	28,359	23,531	+8.5	-5.8	+20.5	29,792	21,096	23,211	25,134	245,216	234,141
372,6	Aircraft, missiles, and parts	9,528	8,525	9,226	5,303	+11.8	-7.6	+74.0	9,877	5,219	7,182	5,065	71,963	69,206
3731,95	Shipbuilding and military tank vehicles	773	550	1,498	974	+40.5	-63.3	+53.8	738	358	1,222	537	6,742	5,542
38	Instruments and related products	4,838	4,607	4,820	4,530	+5.0	-4.4	+6.4	5,154	4,532	4,414	4,967	41,779	42,524
24,25, 39	All other durable goods	11,874	11,245	10,993	11,620	+5.6	+2.3	-5.4	12,415	11,851	10,412	12,175	102,067	93,993
	Nondurable goods industries	90,406	88,991	88,340	89,065	+1.6	+0.7	-0.8	95,288	89,990	83,722	92,654	809,359	822,080
	With unfilled orders	23,751	22,390	22,616	22,914	+6.1	-1.0	-1.3	24,702	22,735	21,176	23,091	200,828	188,486
	Market categories:													
	Home goods and apparel	14,388	13,755	13,273	13,944	+4.6	+3.6	-4.8	15,868	14,979	12,472	14,387	123,601	119,453
	Consumer staples	38,052	37,231	37,198	37,284	+2.2	+0.1	-0.2	40,908	37,331	35,118	38,964	329,362	310,413
	Equipment and defense products, except automotive	30,565	30,501	32,404	30,495	+0.2	-5.9	+6.3	32,203	25,994	26,847	31,143	267,836	273,904
	Automotive equipment	19,684	18,533	18,631	18,286	+6.2	-0.5	+1.9	20,285	16,576	15,839	20,690	175,693	169,597
	Construction materials, supplies and intermediate products	18,270	17,577	17,980	18,106	+3.9	-2.2	-0.7	19,502	18,449	17,817	19,822	163,925	155,522
	Other materials, supplies, and intermediate products	78,443	75,239	75,074	73,680	+4.3	+0.2	+1.9	79,562	73,657	69,371	76,594	696,053	727,782
	Supplementary series:[2]													
	Capital goods industries	37,186	34,657	37,544	33,674	+7.3	-7.7	+11.5	38,850	29,497	31,409	34,383	308,972	310,325
	Nondefense	28,618	26,325	27,387	26,421	+8.7	-3.9	+3.7	29,422	24,264	24,314	28,674	238,286	240,319
	Defense	8,568	8,332	10,157	7,253	+2.8	-18.0	+40.0	9,428	5,233	7,095	5,709	70,686	70,006
	Household durable goods industries	7,743	7,235	6,762	7,289	+7.0	+7.0	-7.2	8,488	7,610	6,120	7,599	63,581	58,930

PPreliminary. rRevised.

[1]Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

[2]The supplementary series are regroupings of the separate industry categories: Household durable goods industries includes household furniture; kitchen articles and pottery; cutlery, hand tools, and hardware; household appliances, radio and TV, ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Nondefense capital goods include machinery, except electrical (excluding farm machinery and equipment and machine shops); electrical machinery (excluding household appliances, radio and TV, and electronic components); railroad equipment; and the nondefense portions of ordnance; communication equipment; aircraft and aircraft parts; and shipbuilding, converting and repairing.

Defense capital goods include ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding converting and repairing. The defense data are comparable to those published annually in the MA-175, Shipments to Federal Government Agencies.

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		Sept. 1986P	Aug. 1986r	July 1986	June 1986	Aug.-Sept.P	July-Aug.r	June-July	Sept. 1986P	Aug. 1986r	July 1986	June 1986	Sept. 1985
	All manufacturing industries..	368,606	365,479	365,948	364,682	+0.9	-0.1	+0.3	361,923	360,596	364,405	365,557	360,290
	Durable goods industries.....	357,654	354,803	355,112	353,872	+0.8	-0.1	+0.4	350,996	349,861	353,438	354,703	349,993
32	Stone, clay, and glass products...	2,680	2,675	2,648	2,715	+0.2	+1.0	-2.5	2,648	2,699	2,737	2,786	2,478
33	Primary metals.....	19,371	19,230	18,343	18,929	+0.7	+4.8	-3.1	18,607	18,807	18,061	18,751	18,923
331	Blast furnaces, steel mills.....	9,540	9,190	8,340	8,808	+3.8	+10.2	-5.3	9,025	8,905	8,106	8,658	8,586
333-9	Nonferrous and other primary metals.....	5,966	6,156	6,200	6,222	-3.1	-0.7	-0.4	5,829	6,107	6,144	6,272	7,037
34	Fabricated metal products.....	18,931	19,175	19,383	19,434	-1.3	-1.1	-0.3	19,051	19,368	19,669	19,763	20,324
35	Machinery, except electrical.....	56,564	56,458	56,288	56,166	+0.2	+0.3	+0.2	55,562	55,935	55,983	56,486	61,162
351	Engines and turbines.....	14,854	14,526	14,785	14,911	+2.3	-1.8	-0.8	14,753	14,518	14,629	14,691	14,598
353	Construction, mining, and material handling equipment....	4,808	4,981	4,962	5,210	-3.5	+0.4	-4.8	4,750	4,926	4,982	5,210	6,172
354	Metalworking machinery.....	3,734	3,647	3,741	3,700	+2.4	-2.5	+1.1	3,764	3,775	3,763	3,685	4,484
356	General industrial machinery....	4,168	4,215	4,231	4,312	-1.1	-0.4	-1.9	4,114	4,219	4,231	4,316	4,568
357	Office and computing machines...	18,283	18,631	17,914	17,452	-1.9	+4.0	+2.6	17,771	18,240	18,039	18,115	20,725
36	Electrical machinery.....	84,585	84,113	85,044	84,263	+0.6	-1.1	+0.9	84,044	83,734	84,576	84,360	82,183
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	5,564	5,457	5,469	5,409	+2.0	-0.2	+1.1	5,540	5,467	5,454	5,395	6,042
363	Household appliances.....	403	348	347	338	+15.8	+0.3	+2.7	407	379	379	362	416
365	Radio and TV.....	370	287	313	381	+28.9	-8.3	-17.8	515	432	359	428	637
366	Communication equipment.....	61,212	60,975	61,502	60,692	+0.4	-0.9	+1.3	60,719	60,218	60,691	60,510	57,934
367	Electronic components.....	15,391	15,433	15,766	15,809	-0.3	-2.1	-0.3	15,206	15,572	16,034	16,046	15,593
37	Transportation equipment.....	161,336	159,424	159,575	158,513	+1.2	-0.1	+0.7	156,737	155,044	158,043	158,326	150,620
372,6	Aircraft, missiles, and parts...	136,877	135,067	134,705	134,229	+1.3	+0.3	+0.4	133,095	131,419	133,763	134,561	125,173
3731,95	Shipbuilding and military tank vehicles.....	18,770	18,644	18,848	18,060	+0.7	-1.1	+4.4	18,098	18,015	18,385	17,856	18,975
38	Instruments and related products..	8,602	8,336	8,456	8,391	+3.2	-1.4	+0.8	8,615	8,407	8,525	8,474	8,654
24,25, 39	All other durable goods.....	5,585	5,392	5,375	5,461	+3.6	+0.3	-1.6	5,732	5,867	5,844	5,757	5,649
	Nondurable goods industries.....	10,952	10,676	10,836	10,810	+2.6	-1.5	+0.2	10,927	10,735	10,967	10,854	10,297
	Market categories:												
	Home goods and apparel.....	4,353	4,157	4,033	4,214	+4.7	+3.1	-4.3	4,576	4,698	4,564	4,572	4,653
	Consumer staples.....	683	727	776	771	-6.1	-6.3	+0.6	719	734	744	709	717
	Equipment and defense products, except automotive.....	233,161	232,402	232,532	230,562	+0.3	-0.1	+0.9	227,776	227,262	230,184	230,908	226,323
	Automotive equipment.....	5,369	5,254	5,552	5,669	+0.3	-5.4	-2.1	5,132	5,149	5,402	5,346	5,910
	Construction materials, supplies and intermediate products.....	11,720	11,839	11,967	11,888	-0.9	-0.9	+0.7	11,816	12,020	12,204	12,133	12,293
	Other materials, supplies, and intermediate products.....	113,390	111,080	111,088	111,578	+2.1	0.0	-0.4	111,904	110,733	111,307	111,889	110,394
	Supplementary series:[2]												
	Capital goods industries.....	282,965	280,604	280,875	278,834	+0.8	-0.1	+0.7	277,069	275,143	278,421	279,182	273,571
	Nondefense.....	132,104	130,641	131,600	131,633	+1.1	-0.7	0.0	130,746	130,209	131,370	131,767	133,052
	Defense.....	150,861	149,963	149,275	147,201	+0.6	+0.5	+1.4	146,323	144,934	147,051	147,415	140,519
	Household durable goods industries.....	3,813	3,610	3,522	3,700	+5.6	+2.5	-4.8	4,041	4,136	4,003	4,025	4,084

See footnotes at end of table 2.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		Sept. 1986p	Aug. 1986r	July 1986	June 1986	Aug.-Sept.p	July-Aug.r	June-July	Sept. 1986p	Aug. 1986r	July 1986	June 1986	Sept. 1985
	All manufacturing industries..	276,817	277,473	278,613	278,410	-0.2	-0.4	+0.1	275,333	277,799	278,441	278,858	282,567
	Manufacturing industries with unfilled orders.....	193,863	194,689	195,343	194,995	0.0	-0.3	+0.2	193,846	195,505	196,374	196,478	199,249
	Durable goods industries.....	186,227	186,045	186,858	187,148	+0.1	-0.4	-0.2	185,401	186,580	187,101	188,023	191,127
	With unfilled orders.....	171,052	171,148	171,854	171,807	-0.1	-0.4	0.0	170,533	171,749	172,396	172,742	175,915
32	Stone, clay, and glass products...	5,583	5,673	5,608	5,593	-1.6	+1.2	+0.3	5,438	5,640	5,621	5,669	5,688
322	Glass containers.....	644	631	639	648	+2.1	-1.3	-1.4	629	635	643	658	603
33	Primary metals.....	15,828	16,212	16,724	16,883	-2.4	-3.1	-0.9	15,763	16,206	16,734	16,857	18,423
331	Blast furnaces, steel mills.....	6,504	6,805	7,164	7,373	-4.4	-5.0	-2.8	6,550	6,866	7,236	7,321	8,353
333-9	Nonferrous and other primary metals.....	8,128	8,208	8,305	8,263	-1.0	-1.2	+0.5	8,030	8,167	8,272	8,288	8,833
34	Fabricated metal products.....	18,762	18,511	18,685	18,832	+1.4	-0.9	-0.8	18,400	18,542	18,811	19,272	18,553
341	Metal cans, barrels, and drums..	2,484	2,146	2,148	2,229	+15.8	-0.1	-3.6	2,129	2,077	2,270	2,485	1,999
35	Machinery, except electrical.....	36,764	37,055	37,220	37,328	-0.8	-0.4	-0.3	36,598	37,113	37,322	37,526	40,229
351	Engines and turbines.....	1,975	1,981	1,942	1,922	-0.3	+2.0	+1.0	1,937	1,946	1,938	1,920	1,928
352	Farm machinery and equipment....	1,597	1,657	1,699	1,678	-3.6	-2.5	+1.3	1,610	1,650	1,672	1,720	1,788
353	Construction, mining, and material handling equipment....	5,942	5,780	5,746	5,776	+2.8	+0.6	-0.5	5,877	5,786	5,717	5,811	6,426
354	Metalworking machinery.....	2,758	2,731	2,741	2,718	+1.0	-0.4	+0.8	2,741	2,761	2,768	2,745	2,747
356	General industrial machinery....	3,163	3,265	3,274	3,236	-3.1	-0.3	+1.2	3,131	3,226	3,277	3,268	3,445
357	Office and computing machines...	10,263	10,688	10,760	11,055	-4.0	-0.7	-2.7	10,325	10,880	10,975	11,099	12,660
36	Electrical machinery.....	34,646	34,596	34,570	34,243	+0.1	+0.1	+1.0	34,498	34,795	34,789	34,667	34,153
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	4,160	4,156	4,206	4,188	+0.1	-1.2	+0.4	4,141	4,168	4,213	4,235	4,494
363	Household appliances.....	2,399	2,382	2,414	2,438	+0.7	-1.3	-1.0	2,260	2,330	2,438	2,565	2,275
365	Radio and TV.....	1,651	1,622	1,659	1,635	+1.8	-2.2	+1.5	1,714	1,711	1,722	1,689	1,431
366	Communication equipment.....	15,310	15,335	15,240	15,048	-0.2	+0.6	+1.3	15,273	15,379	15,302	15,041	14,914
367	Electronic components.....	6,019	6,030	5,941	5,965	-0.2	+1.5	-0.4	5,983	6,060	5,989	6,019	6,254
37	Transportation equipment.....	50,758	50,037	50,061	50,434	+1.4	0.0	-0.7	50,788	50,172	49,694	49,989	49,883
371	Motor vehicles and parts.....	10,641	10,674	10,892	10,856	-0.3	-2.0	+0.3	10,783	10,769	10,410	10,497	11,555
372,6	Aircraft, missiles, and parts...	36,661	35,950	35,774	36,150	+2.0	+0.5	-1.0	36,577	36,099	35,990	36,141	35,175
3731,95	Shipbuilding and military tank vehicles.....	1,746	1,709	1,679	1,634	+2.2	+1.8	+2.8	1,754	1,668	1,682	1,643	1,505
38	Instruments and related products..	9,620	9,552	9,545	9,507	+0.7	+0.1	+0.4	9,612	9,610	9,627	9,681	9,624
381-4	Scientific and engineering instruments.....	6,791	6,688	6,668	6,654	+1.5	+0.3	+0.2	6,757	6,681	6,715	6,767	6,936
386	Photographic goods.....	2,195	2,224	2,242	2,216	-1.3	-0.8	+1.2	2,224	2,284	2,267	2,260	2,062
24,25, 39	All other durable goods.....	14,266	14,409	14,445	14,328	-1.0	-0.2	+0.8	14,304	14,502	14,503	14,362	14,574
	Nondurable goods industries.....	90,590	91,428	91,755	91,262	-0.9	-0.4	+0.5	89,932	91,219	91,340	90,835	91,440
	With unfilled orders.....	23,583	23,541	23,489	23,188	+0.2	+0.2	+1.3	23,313	23,756	23,978	23,736	23,334
20	Food and kindred products.....	21,072	21,725	21,782	21,288	-3.0	-0.3	+2.3	21,344	21,606	20,806	20,050	21,314
201	Meat products.....	2,328	2,353	2,299	2,154	-1.1	+2.3	+6.7	2,179	2,219	2,223	2,154	2,130
208	Beverages.....	3,464	3,559	3,562	3,470	-2.5	-0.3	+2.7	3,377	3,400	3,462	3,460	3,342
207	Fats and oils.....	1,070	1,036	1,031	991	+3.3	+0.5	+4.0	840	854	892	919	945
203-6,9	All other foods.....	12,429	13,008	13,175	12,942	-4.5	-1.3	+1.8	13,187	13,333	12,464	11,751	13,192
21	Tobacco products.....	2,974	2,982	3,086	3,057	-0.3	-3.4	+0.9	2,956	2,806	2,796	2,886	3,208
22	Textile mill products.....	6,461	6,337	6,531	6,617	+2.0	-3.0	-1.3	6,339	6,323	6,573	6,709	6,556
26	Paper and allied products.....	10,059	10,114	10,029	9,825	-0.5	+0.8	+2.1	9,836	10,026	10,086	9,993	9,444
261-3,6	Pulp, paper etc.....	3,918	3,885	3,931	3,882	+0.8	-1.2	+1.3	3,844	3,876	3,933	3,918	3,678
265	Paperboard containers.....	2,415	2,379	2,298	2,259	+1.5	+3.5	+1.7	2,376	2,377	2,342	2,315	2,274
264	All other paper products.....	3,726	3,850	3,800	3,684	-3.2	+1.3	+3.1	3,616	3,773	3,811	3,760	3,492
28	Chemicals and allied products.....	22,243	22,085	22,252	22,203	+0.7	-0.8	+0.2	21,776	21,971	22,241	22,023	21,438
281,6	Industrial chemicals, except pigments.....	6,660	6,676	6,661	6,702	-0.2	+0.2	-0.6	6,560	6,683	6,694	6,689	6,719
283,4	Drugs, soaps, and toiletries....	7,297	7,297	7,334	7,180	0.0	-0.5	+2.1	7,173	7,304	7,371	7,288	6,698
29	Petroleum and coal products.....	5,421	5,767	5,852	6,161	-6.0	-1.5	-5.0	5,509	5,783	5,858	6,071	7,143
30	Rubber and plastics products.....	6,294	6,314	6,301	6,271	-0.3	+0.2	+0.5	6,137	6,178	6,313	6,401	6,098
23,27, 31	All other nondurable goods.....	16,066	16,104	15,922	15,840	-0.2	+1.1	+0.5	16,035	16,526	16,667	16,702	16,239
	Market categories:												
	Home goods and apparel.....	22,369	22,421	22,411	22,366	-0.2	0.0	+0.2	22,185	22,741	23,060	23,350	21,819
	Consumer staples.....	34,072	34,706	34,930	34,188	-1.8	-0.6	+2.2	34,465	34,682	33,949	33,072	34,054
	Equipment and defense products, except automotive.....	83,125	82,667	82,865	82,840	+0.6	-0.2	0.0	82,542	82,708	83,058	83,112	85,649
	Automotive equipment.....	12,896	12,980	13,181	13,237	-0.6	-1.5	-0.4	12,953	12,963	12,580	12,830	13,861
	Construction materials, supplies and intermediate products.....	18,319	18,479	18,454	18,651	-0.9	+0.1	-1.1	18,144	18,436	18,455	18,822	18,998
	Other materials, supplies, and intermediate products.....	106,036	106,220	106,772	107,128	-0.2	-0.5	-0.3	105,064	106,269	107,339	107,672	108,186
	Supplementary series:2												
	Capital goods industries.....	97,535	96,981	96,834	96,956	+0.6	+0.2	-0.1	97,165	97,274	97,300	97,395	98,513
	Nondefense.....	68,540	68,515	68,685	68,839	0.0	-0.2	-0.2	68,347	68,713	68,728	68,905	72,210
	Defense.....	28,995	28,466	28,149	28,117	+1.9	+1.1	+0.1	28,818	28,561	28,572	28,490	26,303
	Household durable goods industries.....	11,540	11,567	11,638	11,460	-0.2	-0.6	+1.6	11,474	11,759	11,857	11,776	11,153

See footnotes at end of table 2.

Table 5. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		Sept. 1986[p]	Aug. 1986[r]	July 1986	June 1986	Aug.-Sept.[p]	July-Aug.[r]	June-July	Sept. 1986[p]	Aug. 1986[r]	July 1986	June 1986	Sept. 1985
	MATERIALS AND SUPPLIES												
	All manufacturing industries..	86,415	86,562	87,023	86,848	-0.1	-0.5	+0.2	85,721	86,274	86,942	86,521	88,574
	Durable goods industries.....	51,107	50,878	51,338	51,559	+0.5	-0.9	-0.4	51,106	51,121	51,460	51,392	53,853
32	Stone, clay, and glass products...	1,711	1,701	1,749	1,742	-2.8	+0.7	+0.4	1,714	1,771	1,753	1,737	1,822
33	Primary metals.....	4,547	4,596	4,836	4,772	-1.1	-5.0	+1.3	4,567	4,585	4,792	4,694	5,538
34	Fabricated metal products.....	6,898	6,946	7,101	7,296	-0.7	-2.2	-2.7	6,846	6,957	7,165	7,306	7,238
35	Machinery, except electrical.....	10,568	10,442	10,281	10,387	+1.0	+1.6	-1.0	10,445	10,413	10,335	10,415	11,252
36	Electrical Machinery.....	7,870	7,855	7,961	7,955	+0.2	-1.3	+0.1	7,872	7,923	8,108	8,009	8,168
37	Transportation equipment.....	11,661	11,281	11,395	11,374	+3.4	-1.0	+0.2	11,643	11,417	11,293	11,361	11,657
38	Instruments and related products..	2,629	2,662	2,682	2,642	-1.2	-0.7	+1.5	2,660	2,663	2,683	2,653	2,690
24,25, 39	All other durable goods.....	5,243	5,335	5,333	5,391	-1.7	0.0	-1.1	5,359	5,392	5,331	5,217	5,488
	Nondurable goods industries.....	35,339	35,684	35,685	35,289	-1.0	0.0	+1.1	34,615	35,153	35,482	35,129	34,721
20	Food and kindred products.....	7,791	8,069	7,963	7,781	-3.4	+1.3	+2.3	7,345	7,653	7,626	7,468	6,983
21	Tobacco products.....	2,419	2,419	2,552	2,499	0.0	-5.2	+2.1	2,330	2,301	2,335	2,430	2,745
22	Textile mill products.....	1,904	1,947	1,964	2,112	-2.2	-0.9	-7.0	1,851	1,943	2,014	2,156	1,992
26	Paper and allied products.....	4,969	4,963	4,921	4,860	+0.1	+0.9	+1.3	4,929	4,920	4,958	4,902	4,596
28	Chemicals and allied products.....	8,386	8,326	8,382	8,259	+0.7	-0.7	+1.5	8,358	8,341	8,456	8,183	8,007
29	Petroleum and coal products.....	1,605	1,684	1,627	1,659	-4.7	+3.5	-1.9	1,565	1,654	1,643	1,703	1,776
30	Rubber and plastics products.....	2,256	2,292	2,205	2,269	-1.6	+3.9	-2.8	2,222	2,218	2,231	2,290	2,060
23,27, 31	All other nondurable goods.....	6,009	5,984	6,071	5,850	+0.4	-1.4	+3.8	6,015	6,123	6,225	5,997	6,562
	WORK IN PROCESS												
	All manufacturing industries..	104,866	104,177	104,306	104,856	+0.5	-0.1	-0.5	104,634	104,693	104,285	104,699	106,436
	Durable goods industries.....	90,920	90,673	90,518	90,918	+0.3	+0.2	-0.4	90,791	91,019	90,420	90,890	92,063
32	Stone, clay, and glass products...	744	761	766	732	-2.2	-0.7	+4.6	725	747	751	750	838
33	Primary metals.....	6,749	6,845	6,874	6,969	-1.4	-0.4	-1.4	6,757	6,938	6,943	6,931	7,424
34	Fabricated metal products.....	8,934	8,766	8,769	8,765	+2.5	0.0	+0.1	8,846	8,803	8,884	8,992	8,783
35	Machinery, except electrical.....	14,864	15,186	15,096	15,338	-2.1	+0.6	-1.6	14,809	15,190	14,961	15,303	16,347
36	Electrical Machinery.....	20,418	20,378	20,157	19,954	+0.2	+1.1	+1.0	20,343	20,492	20,207	20,110	19,616
37	Transportation equipment.....	33,948	33,523	33,591	33,960	+1.3	-0.2	-1.1	34,065	33,590	33,356	33,513	33,072
38	Instruments and related products..	4,038	3,948	3,950	3,985	+2.3	-0.1	-0.9	4,008	3,972	3,980	4,070	4,185
24,25, 39	All other durable goods.....	3,225	3,266	3,317	3,215	-1.3	-1.5	+3.2	3,238	3,287	3,338	3,221	3,598
	Nondurable goods industries.....	13,746	13,504	13,788	13,938	+1.8	-2.1	-1.1	13,843	13,674	13,865	13,809	14,373
20	Food and kindred products.....	1,665	1,669	1,700	1,616	-0.2	-1.8	+5.2	1,625	1,621	1,633	1,587	1,584
21	Tobacco products.....	259	276	258	334	-6.2	+7.0	-22.8	350	237	201	214	210
22	Textile mill products.....	1,913	1,836	1,984	1,949	+4.2	-7.5	+1.8	1,915	1,829	1,959	1,916	1,908
26	Paper and allied products.....	1,157	1,170	1,169	1,090	-1.1	+0.1	+7.2	1,175	1,203	1,187	1,113	1,151
28	Chemicals and allied products.....	3,499	3,351	3,469	3,481	+4.4	-3.4	-0.3	3,491	3,380	3,494	3,484	3,711
29	Petroleum and coal products.....	712	758	764	881	-6.1	-0.8	-13.3	716	789	782	898	1,194
30	Rubber and plastics products.....	1,238	1,169	1,175	1,153	+5.9	-0.5	+1.9	1,256	1,197	1,193	1,143	1,241
23,27, 31	All other nondurable goods.....	3,303	3,275	3,269	3,434	+0.9	+0.2	-4.8	3,315	3,418	3,416	3,454	3,377
	FINISHED GOODS												
	All manufacturing industries..	85,705	86,734	87,284	86,706	-1.2	-0.6	+0.7	84,978	86,832	87,214	87,638	87,557
	Durable goods industries.....	44,200	44,496	45,002	44,671	-0.7	-1.1	+0.7	43,504	44,440	45,221	45,741	45,211
32	Stone, clay, and glass products...	3,128	3,151	3,093	3,119	-0.7	+1.9	-0.8	2,999	3,122	3,117	3,182	3,028
33	Primary metals.....	4,532	4,771	5,014	5,142	-5.0	-4.8	-2.5	4,419	4,683	4,999	5,132	5,461
34	Fabricated metal products.....	4,930	4,799	4,815	4,771	+2.7	-0.3	+0.9	4,708	4,782	4,762	4,974	4,532
35	Machinery, except electrical.....	11,352	11,427	11,845	11,603	-0.7	-3.5	+2.1	11,344	11,510	12,026	11,808	12,430
36	Electrical Machinery.....	6,358	6,363	6,452	6,334	-0.1	-1.4	+1.9	6,283	6,380	6,474	6,546	6,369
37	Transportation equipment.....	5,149	5,233	5,075	5,100	-1.6	+3.1	-0.5	5,080	5,165	5,045	5,115	5,154
38	Instruments and related products..	2,953	2,962	2,913	2,880	+0.4	+1.0	+1.1	2,944	2,975	2,964	2,958	2,749
24,25, 39	All other durable goods.....	5,798	5,808	5,795	5,722	-0.2	+0.2	+1.3	5,707	5,823	5,834	5,924	5,488
	Nondurable goods industries.....	41,505	42,240	42,282	42,035	-1.7	-0.1	+0.6	41,474	42,392	41,993	41,897	42,346
20	Food and kindred products.....	11,616	11,987	12,119	11,891	-3.1	-1.1	+1.9	12,374	12,332	11,547	10,995	12,747
21	Tobacco products.....	296	287	276	224	+3.1	+4.0	+23.2	276	268	260	242	253
22	Textile mill products.....	2,644	2,554	2,583	2,556	+3.5	-1.1	+1.1	2,573	2,551	2,600	2,637	2,656
26	Paper and allied products.....	3,933	3,981	3,939	3,875	-1.2	+1.1	+1.7	3,732	3,903	3,961	3,978	3,697
28	Chemicals and allied products.....	10,358	10,408	10,401	10,463	-0.5	+0.1	-0.6	9,927	10,250	10,297	10,356	9,719
29	Petroleum and coal products.....	3,104	3,325	3,681	3,621	-6.6	-9.9	+4.4	3,228	3,340	3,433	3,670	4,177
30	Rubber and plastics products.....	2,800	2,853	2,921	2,849	-1.9	-2.3	+2.5	2,659	2,763	2,889	2,968	2,797
23,27, 31	All other nondurable goods.....	6,754	6,845	6,582	6,556	-1.3	+4.0	+0.4	6,705	6,985	7,026	7,251	6,300

[p]Preliminary. [r]Revised.

Table 6. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP

(Based on seasonally adjusted data)

SIC Code	Industry	Inventory/shipments ratio				Unfilled orders/shipments ratio[1]			
		Sept. 1986P	Aug. 1986r	July 1986	June 1986	Sept. 1986P	Aug. 1986r	July 1986	June 1986
	All manufacturing industries	1.41	1.44	1.44	1.44	3.36	3.41	3.38	3.36
	Durable goods industries	1.75	1.79	1.78	1.79	4.14	4.19	4.14	4.13
32	Stone, clay, and glass products	1.12	1.19	1.15	1.15	0.59	0.62	0.60	0.61
33	Primary metals	1.64	1.73	1.73	1.78	2.00	2.05	1.90	2.00
34	Fabricated metal products	1.32	1.33	1.33	1.33	1.41	1.48	1.48	1.47
35	Machinery, except electrical	2.20	2.25	2.18	2.13	3.55	3.62	3.44	3.36
36	Electrical machinery	2.01	2.05	2.14	2.10	4.91	4.98	5.26	5.16
37	Transportation equipment	1.88	1.86	1.83	1.95	10.96	10.73	10.33	10.99
38	Instruments and related products	2.10	2.02	2.01	2.03	1.88	1.76	1.78	1.79
	Nondurable goods industries	1.01	1.03	1.04	1.02	0.47	0.47	0.48	0.47
20	Food and kindred products	0.79	0.83	0.82	0.84	(X)	(X)	(X)	(X)
21	Tobacco products	1.63	1.67	2.07	1.44	(X)	(X)	(X)	(X)
22	Textile mill products	1.36	1.37	1.42	1.50	(NA)	(NA)	(NA)	(NA)
26	Paper and allied products	1.06	1.09	1.08	1.08	(NA)	(NA)	(NA)	(NA)
28	Chemicals and allied products	1.26	1.22	1.26	1.28	(X)	(X)	(X)	(X)
29	Petroleum and coal products	0.51	0.53	0.55	0.55	(X)	(X)	(X)	(X)
30	Rubber and plastics products	1.60	1.66	1.68	1.57	(X)	(X)	(X)	(X)

P Preliminary. r Revised. (X) Not applicable. (NA) Not available.

[1] Excludes the following industries with no unfilled orders: Wood and lumber products; glass containers; metal cans, barrels, and drums; farm machinery and equipment; motor vehicle assembly operations; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.

Table 7. AVERAGE REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES

(Based on seasonally adjusted data)

SIC Code	Industry	Shipments			New orders			Unfilled orders			Inventories		
		Year ago Sept. 1985	All Septs. 1981-1985	Sept. 1985-Aug. 1986	Year ago Sept. 1985	All Septs. 1981-1985	Sept. 1985-Aug. 1986	Year ago Sept. 1985	All Septs. 1981-1985	Sept. 1985-Aug. 1986	Year ago Sept. 1985	All Septs. 1981-1985	Sept. 1985-Aug. 1986
	All manufacturing industries	0.1	0.2	0.3	0.1	0.2	0.3	0.1	0.1	0.1	0.0	0.1	0.1
	Durable goods industries	0.4	0.3	0.4	0.1	0.3	0.5	0.2	0.1	0.1	0.1	0.4	0.1
2	Stone, clay, and glass products	0.2	1.1	1.1	0.1	1.0	1.2	0.5	1.4	0.8	0.1	0.6	0.2
3	Primary metals	1.2	0.6	0.7	1.1	0.8	0.7	0.1	0.2	0.3	0.2	0.1	0.2
4	Fabricated metal products	1.0	0.7	1.0	2.6	1.3	1.4	1.2	0.5	0.6	0.1	0.3	0.6
5	Machinery, except electrical	0.3	0.6	0.5	1.1	1.0	1.1	0.2	0.2	0.2	0.0	0.5	0.2
6	Electrical machinery	1.3	0.4	0.9	0.8	0.7	1.3	0.1	0.1	0.2	0.2	0.1	0.2
7	Transportation equipment	0.2	0.4	0.4	1.4	1.3	1.6	0.3	0.2	0.3	0.2	0.3	0.1
8	Instruments and related products	1.4	0.8	0.9	1.3	1.1	1.2	0.1	0.4	0.4	0.2	0.2	0.3
	Nondurable goods industries	0.3	0.4	0.3	0.2	0.3	0.3	1.3	0.6	0.6	0.0	0.2	0.2
0	Food and kindred products	1.1	0.7	0.5	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.4	0.3
1	Tobacco products	0.0	0.0	0.5	(X)	(X)	(X)	(X)	(X)	(X)	0.0	0.3	0.1
2	Textile mill products	0.6	1.1	1.4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1.9	0.6	1.1
6	Paper and allied products	0.0	1.0	0.6	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.1	0.2	0.3
8	Chemicals and allied product	0.3	0.8	0.7	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.4	0.4
9	Petroleum and coal products	0.7	0.5	1.1	(X)	(X)	(X)	(X)	(X)	(X)	0.2	0.6	0.6
0	Rubber and plastics products	1.7	2.3	0.9	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.6	0.6
	Capital goods industries:												
	Nondefense	0.6	0.6	0.5	1.0	1.2	0.7	0.1	0.8	0.1	0.1	0.3	0.1
	Defense	0.8	0.8	1.0	4.0	2.8	4.2	0.3	0.7	0.2	0.3	0.5	0.4

(X) Not Applicable (NA) Not available.

Note: The revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences for the durable goods industries are shown in the advance report for the month.

U.S. Department of Commerce
BUREAU OF THE CENSUS
Washington, D.C. 20233

Official Business
Penalty for Private Use, $300

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE
COM-202

First Class Mail

M 3-1(86)-10

CURRENT INDUSTRIAL REPORTS

Manufacturers' Shipments, Inventories, and Orders

October 1986

U.S. Department of Commerce
BUREAU OF THE CENSUS

M3-1(86)-10
For Wire Transmission 10:00 a.m. E.S.T. Thursday, December 4, 1986

(All Figures in text are in seasonally adjusted current dollars)

SUMMARY. New orders for manufactured goods in October declined $7.1 billion or 3.6 percent to $192.3 billion. This is the largest 1-month decrease since the 4.5 percent drop in May 1980, and offset last month's large increase of 3.4 percent.

Shipments of manufactured goods in October declined $0.5 billion or 0.3 percent to $195.7 billion, following a 1.5 percent increase in September. Shipments have fluctuated over the past year since reaching a high last November of $200.1 billion.

Unfilled orders for manufactured goods in October decreased $3.5 billion or 0.9 percent to $365.1 billion, mostly due to a drop in the defense capital goods orders backlog. Excluding defense, unfilled orders declined 0.2 percent.

Manufacturers' inventories declined $0.4 billion or 0.1 percent to $276.2 billion. Since reaching a high in March 1985 of $286.2 billion, inventories have shown a slow downward trend. The inventory to shipments ratio in October was 1.41, the same as September but down from 1.44 in August.

NEW ORDERS. Most of the $7.1 billion decline in new orders was in the durable goods sector, down $5.5 billion or 5.1 percent to $103.2 billion. Within the major industries, transportation equipment was down $2.8 billion or 9.8 percent to $26.1 billion; a large decline in defense aircraft and parts orders was partially offset by an increase in commercial aircraft.

Nonelectrical machinery decreased $1.3 billion or 8.1 percent to $15.2 billion, the third consecutive monthly decline. Most of the October decrease was in engines and turbines. Electrical machinery declined $0.6 billion or 3.7 percent to $17.0 billion, following a 10.8 percent increase in September.

New orders for nondurable goods declined $1.6 billion or 1.8 percent to $89.1 billion.

SHIPMENTS. The decrease in shipments in October resulted from declines in the nondurable goods sector, which in total was down $1.5 billion or 1.6 percent to $88.8 billion. The largest decline was in petroleum products, down $0.5 billion or 4.8 percent to $10.2 billion; this industry had shipments of $17.0 billion in November 1985, before the sharp downturn during the last year.

Shipments of durable goods increased in October $0.9 billion or 0.9 percent to $106.9 billion. The largest increase was in transportation equipment, where the aircraft industry showed a $1.2 billion or 15.3 percent increase to $8.9 billion. Other major industries showed smaller offsetting movements.

UNFILLED ORDERS. Unfilled orders held by durable goods manufacturers declined $3.7 billion or 1.0 percent to $353.8 billion. The largest declines were in transportation equipment and nonelectrical machinery. Transportation was down $2.1 billion or 1.3 percent to $159.2 billion, virtually all of which was in aircraft. Nonelectrical machinery was down $1.5 billion or 2.6 percent to $54.9 billion, mostly due to declines in steam engines and turbines and office and computing equipment.

INVENTORIES. A decline in inventories held by durable goods manufacturers of $0.7 billion or 0.4 percent to $185.4 billion more than offset an increase of $0.3 billion or 0.3 percent in nondurable goods inventories. Inventories of materials and supplies for durable goods declined 1.3 percent, with little change in work in process and finished goods; work in process in nondurable industries increased 1.6 percent, with little change in materials and supplies and finished goods.

SCHEDULED RELEASE DATES. The advance report on durable goods for November is scheduled for release on December 23, 1986 at 8:30 a.m. and the full report on January 2, 1987 at 10:00 a.m.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Ruth Runyan or Kathleen Menth, (301) 763-2502 or (301) 763-2512.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. This press release is also available on the date of issue through the Census Bureau's online information service–CENDATA™. The online version of the report can be read from a terminal screen, printed on– or off–line, or copied to a computer file for future use. CENDATA is available from Dialog Information Services, Inc. (800/334–2564). Further information about accessing CENDATA can be obtained from Dialog. The CENDATA Staff at the Bureau of the Census (301/763–2074) can provide content information and general guidance, or write for a brochure to CENDATA, DUSD, Bureau of the Census, Washington, DC 20233.

C 3.158:

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]					
		Monthly				Percent change			Monthly				Year to date	
		Oct. 1986p	Sept. 1986r	Aug. 1986	July 1986	Sept.-Oct.p	Aug-Sept.r	July-Aug.	Oct. 1986p	Sept. 1986r	Aug. 1986	July 1986	1986p	1985
	All manufacturing industries	195,742	196,281	193,305	193,294	-0.3	+1.5	0.0	200,820	207,008	190,795	178,616	1,956,734	1,951,559
	Manufacturing industries with unfilled orders	109,877	109,570	107,264	108,326	+0.3	+2.1	-1.0	112,644	115,565	105,573	98,950	1,080,694	1,056,959
	Durable goods industries	106,942	106,027	104,154	104,980	+0.9	+1.8	-0.8	110,032	111,768	100,573	95,007	1,056,901	1,037,141
	With unfilled orders	86,909	86,218	84,714	85,736	+0.8	+1.8	-1.2	88,734	91,180	82,606	77,887	856,539	846,912
32	Stone, clay, and glass products	4,948	4,941	4,760	4,876	+0.1	+3.8	-2.4	5,246	5,396	5,066	4,824	49,987	48,411
322	Glass containers	450	415	424	445	+8.4	-2.1	-4.7	459	430	459	441	4,374	4,097
33	Primary metals	9,688	9,644	9,358	9,646	+0.5	+3.1	-3.0	9,691	9,734	9,183	8,778	99,455	106,650
331	Blast furnaces, steel mills	3,783	3,833	3,638	4,146	-1.3	+5.4	-12.3	3,722	3,756	3,543	3,781	40,361	44,493
333-9	Nonferrous and other primary metals	4,698	4,683	4,601	4,307	+0.3	+1.8	+6.8	4,731	4,856	4,527	3,958	47,009	49,705
34	Fabricated metal products	14,461	14,266	13,910	14,044	+1.4	+2.6	-1.0	15,107	15,046	14,160	13,114	143,341	141,258
341	Metal cans, barrels, and drums	900	837	920	933	+7.5	-9.0	-1.4	855	947	1,087	1,017	9,447	9,743
35	Machinery, except electrical	16,643	16,597	16,433	17,111	+0.3	+1.0	-4.0	16,508	17,639	15,216	15,466	169,492	175,862
351	Engines and turbines	1,265	1,249	1,159	1,088	+1.3	+7.8	+6.5	1,177	1,313	1,063	968	12,292	12,398
352	Farm machinery and equipment	594	730	835	725	-18.6	-12.6	+15.2	676	754	680	585	8,161	8,828
353	Construction, mining, and material handling equipment	2,436	2,319	2,498	2,872	+5.0	-7.2	-13.0	2,480	2,472	2,276	2,820	27,869	27,789
354	Metalworking machinery	961	918	787	808	+4.7	+16.6	-2.6	1,031	1,003	738	709	8,710	8,629
356	General industrial machinery	1,544	1,463	1,319	1,551	+5.5	+10.9	-15.0	1,610	1,491	1,327	1,436	14,760	14,026
357	Office and computing machines	3,998	4,256	4,018	4,170	-6.1	+5.9	-3.6	3,750	4,775	3,737	3,478	38,595	44,603
36	Electrical machinery	16,886	17,258	16,883	16,172	-2.2	+2.2	+4.4	17,209	18,362	16,375	14,643	161,704	152,768
361,2	Electrical transmission and distribution equipment and industrial apparatus	2,184	2,129	2,143	2,170	+2.6	-0.7	-1.2	2,116	2,298	2,069	1,891	21,175	20,590
363	Household appliances	1,599	1,598	1,515	1,551	+0.1	+5.5	-2.3	1,642	1,750	1,609	1,535	15,089	14,399
365	Radio and TV	1,217	1,203	1,166	1,092	+1.2	+3.2	+6.8	1,368	1,421	1,139	988	10,819	9,141
366	Communication equipment	5,523	5,973	5,791	5,140	-7.5	+3.1	+12.7	5,489	6,076	5,487	4,659	53,471	50,690
367	Electronic components	3,308	3,280	3,347	3,288	+0.9	-2.0	+1.8	3,288	3,487	3,270	2,982	32,988	32,756
37	Transportation equipment	28,271	27,082	26,855	27,297	+4.4	+0.8	-1.6	29,260	28,114	24,095	23,494	272,929	260,526
371	Motor vehicles and parts	17,696	17,777	16,970	16,884	-0.5	+4.8	+0.5	18,894	18,404	14,949	13,968	178,047	171,411
372,6	Aircraft, missiles, and parts	8,900	7,720	8,163	8,750	+15.3	-5.4	-6.7	8,762	8,202	7,563	7,980	79,163	72,629
3731,95	Shipbuilding and military tank vehicles	685	648	754	710	+5.7	-14.1	+6.2	682	656	728	693	6,914	8,187
38	Instruments and related products	4,706	4,568	4,727	4,755	+3.0	-3.4	-0.6	4,841	4,942	4,650	4,363	46,605	46,876
381-4	Scientific and engineering instruments	2,992	2,919	3,169	3,089	+2.5	-7.9	+2.6	2,992	3,147	3,106	2,783	30,460	30,784
386	Photographic goods	1,555	1,492	1,399	1,474	+4.2	+6.6	-5.1	1,675	1,622	1,381	1,396	14,391	14,174
24,25, 39	All other durable goods	11,339	11,671	11,228	11,079	-2.8	+3.9	+1.3	12,170	12,535	11,828	10,325	113,388	104,790
	Nondurable goods industries	88,800	90,254	89,151	88,314	-1.6	+1.2	+0.9	90,788	95,240	90,222	83,609	899,833	914,418
	With unfilled orders	22,968	23,352	22,550	22,590	-1.6	+3.6	-0.2	23,910	24,385	22,967	21,063	224,155	210,047
20	Food and kindred products	26,475	26,552	26,286	26,420	-0.3	+1.0	-0.5	27,178	28,307	26,268	24,971	258,091	246,545
201	Meat products	6,117	6,127	6,102	5,983	-0.2	+0.4	+2.0	6,349	6,262	6,303	5,780	57,369	56,220
208	Beverages	3,924	3,997	4,013	3,934	-1.8	-0.4	+2.0	3,975	4,025	4,290	4,217	40,473	38,271
207	Fats and oils	1,091	1,073	1,077	958	+1.7	-0.4	+12.4	1,089	1,088	1,050	914	10,546	11,449
203-6,9	All other foods	11,943	12,095	11,723	12,170	-1.3	+3.2	-3.7	12,385	13,571	11,254	10,685	116,709	108,273
21	Tobacco products	1,486	1,815	1,781	1,491	-18.1	+1.9	+19.5	1,508	2,013	1,882	1,373	17,320	16,478
22	Textile mill products	4,752	4,693	4,618	4,592	+1.3	+1.6	+0.6	4,963	5,067	4,825	3,925	45,486	43,894
26	Paper and allied products	9,327	9,515	9,299	9,317	-2.0	+2.3	-0.2	9,408	9,704	9,485	8,821	90,972	81,814
261-3,6	Pulp, paper etc	4,100	4,077	3,929	4,025	+0.6	+3.8	-2.4	4,064	4,115	3,957	3,771	38,529	35,004
265	Paperboard containers	1,781	1,855	1,838	1,827	-4.0	+0.9	+0.6	1,886	1,914	1,884	1,732	18,378	18,210
264	All other paper products	3,446	3,583	3,532	3,465	-3.8	+1.4	+1.9	3,458	3,675	3,644	3,318	34,067	28,600
28	Chemicals and allied products	18,059	17,949	18,060	17,635	+0.6	-0.6	+2.4	17,316	18,767	17,593	16,195	179,771	180,247
281,6	Industrial chemicals, except pigments	5,930	5,958	5,937	5,807	-0.5	+0.4	+2.2	5,663	5,982	5,830	5,459	58,826	59,722
283,4	Drugs, soaps, and toiletries	5,442	5,249	5,153	5,048	+3.7	+1.9	+2.1	5,355	6,162	5,189	4,563	51,622	46,605
29	Petroleum and coal products	10,205	10,718	10,880	10,677	-4.8	-1.5	+1.9	10,307	11,006	11,023	10,731	120,931	160,089
30	Rubber and plastics products	4,007	3,984	3,804	3,759	+0.6	+4.7	+1.2	4,270	4,250	3,925	3,619	40,126	40,654
23,27, 31	All other nondurable goods	14,489	15,028	14,423	14,423	-3.6	+4.2	0.0	15,838	16,126	15,221	13,974	147,136	144,697
	Market categories:													
	Home goods and apparel	13,406	14,107	13,631	13,454	-5.0	+3.5	+1.3	14,897	15,891	14,845	12,480	137,441	133,570
	Consumer staples	37,692	38,088	37,280	37,193	-1.0	+2.2	+0.2	38,653	40,939	37,341	35,083	368,045	345,230
	Equipment and defense products, except automotive	30,351	29,735	30,631	30,434	+2.1	-2.9	+0.6	30,195	31,613	28,916	27,571	298,439	298,228
	Automotive equipment	19,702	19,696	18,831	18,748	0.0	+4.6	+0.4	20,928	20,331	16,829	15,783	197,072	190,966
	Construction materials, supplies and intermediate products	18,445	18,346	17,685	17,901	+0.5	+3.7	-1.2	19,313	19,669	18,633	17,746	183,361	174,376
	Other materials, supplies, and intermediate products	76,146	76,309	75,247	75,564	-0.2	+1.4	-0.4	76,834	78,565	74,231	69,953	772,376	809,189
	Supplementary series:[2]													
	Capital goods industries	35,732	34,768	34,928	35,503	+2.8	-0.5	-1.6	35,549	36,860	32,775	32,170	342,928	335,788
	Nondefense	27,681	27,081	27,284	27,420	+2.2	-0.7	-0.5	27,462	28,805	25,425	24,711	267,624	267,565
	Defense	8,051	7,687	7,644	8,083	+4.7	+0.6	-5.4	8,087	8,055	7,350	7,459	75,304	68,223
	Household durable goods industries	7,041	7,489	7,147	6,940	-6.0	+4.8	+3.0	7,756	8,523	7,477	6,142	70,416	65,464

See footnotes at end of table 2.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]					
		Monthly				Percent change			Monthly				Year to date	
		Oct. 1986P	Sept. 1986r	Aug. 1986	July 1986	Sept.-Oct.P	Aug.-Sept.r	July-Aug.	Oct. 1986P	Sept. 1986r	Aug. 1986	July 1986	1986P	1985
	All manufacturing industries	192,284	199,399	192,836	194,560	-3.6	+3.4	-0.9	199,157	208,321	186,986	177,464	1,955,620	1,958,527
	Manufacturing industries with unfilled orders	106,419	112,688	106,795	109,592	-5.6	+5.5	-2.6	110,981	116,878	101,764	97,798	1,079,580	1,063,926
	Durable goods industries	103,221	108,723	103,845	106,220	-5.1	+4.7	-2.2	108,267	112,745	96,996	93,742	1,055,083	1,043,742
	With unfilled orders	83,188	88,914	84,405	86,976	-6.4	+5.3	-3.0	86,969	92,157	79,029	76,622	854,721	853,513
32	Stone, clay, and glass products	4,891	4,960	4,787	4,809	-1.4	+3.6	-0.5	5,133	5,359	5,028	4,775	49,903	48,583
33	Primary metals	9,636	9,842	10,245	9,060	-2.1	-3.9	+13.1	9,441	9,588	9,929	8,088	98,736	107,031
331	Blast furnaces, steel mills	3,582	4,212	4,488	3,678	-15.0	-6.1	+22.0	3,467	3,903	4,342	3,229	40,252	44,852
333-9	Nonferrous and other primary metals	4,669	4,504	4,557	4,285	+3.7	-1.2	+6.3	4,518	4,589	4,490	3,830	45,890	49,404
34	Fabricated metal products	14,311	14,051	13,702	13,993	+1.9	+2.5	-2.1	14,625	14,759	13,859	13,020	141,983	139,951
35	Machinery, except electrical	15,181	16,523	16,603	17,233	-8.1	-0.5	-3.7	15,763	17,091	15,168	14,963	165,081	175,539
351	Engines and turbines	714	1,541	900	962	-53.7	+71.2	-6.4	1,114	1,510	952	906	11,917	12,091
353	Construction, mining, and material handling equipment	2,435	2,170	2,517	2,624	+12.2	-13.8	-4.1	2,474	2,320	2,220	2,592	26,320	28,076
354	Metalworking machinery	786	980	693	849	-19.8	+41.4	-18.4	872	967	750	787	8,412	9,459
356	General industrial machinery	1,499	1,416	1,303	1,470	+5.9	+8.7	-11.4	1,594	1,386	1,315	1,351	14,615	13,756
357	Office and computing machines	3,524	3,868	4,735	4,632	-8.9	-18.3	+2.2	3,325	4,267	3,938	3,402	37,012	44,697
36	Electrical machinery	17,026	17,672	15,952	16,953	-3.7	+10.8	-5.9	17,242	18,612	15,533	14,859	164,280	156,838
361,2	Electrical transmission and distribution equipment and industrial apparatus	2,185	2,228	2,131	2,230	-1.9	+4.6	-4.4	2,116	2,363	2,082	1,950	20,966	20,374
363	Household appliances	1,599	1,653	1,516	1,560	-3.3	+9.0	-2.8	1,582	1,778	1,609	1,552	15,079	14,447
365	Radio and TV	1,358	1,280	1,140	1,024	+6.1	+12.3	+11.3	1,306	1,496	1,212	919	10,826	9,310
366	Communication equipment	5,794	6,341	5,264	5,950	-8.6	+20.5	-11.5	5,885	6,706	5,014	4,840	57,182	58,266
367	Electronic components	3,070	3,059	3,014	3,245	+0.4	+1.5	-7.1	3,083	2,944	2,808	2,970	31,842	29,207
37	Transportation equipment	26,123	28,964	26,704	28,359	-9.8	+8.5	-5.8	29,330	29,772	21,096	23,211	274,526	263,695
372,6	Aircraft, missiles, and parts	6,853	9,530	8,525	9,226	-28.1	+11.8	-7.6	8,792	9,872	5,219	7,182	80,750	78,867
373,9S	Shipbuilding and military tank vehicles	318	774	550	1,498	-58.9	+40.7	-63.3	348	739	358	1,222	7,091	5,900
38	Instruments and related products	4,771	4,843	4,607	4,820	-1.5	+5.1	-4.4	4,827	5,159	4,532	4,414	46,611	47,144
24,25, 39	All other durable goods	11,282	11,868	11,245	10,993	-4.9	+5.5	+2.3	11,906	12,405	11,851	10,412	113,963	104,961
	Nondurable goods industries	89,063	90,676	88,991	88,340	-1.8	+1.9	+0.7	90,890	95,576	89,990	83,722	900,537	914,785
	With unfilled orders	23,231	23,774	22,390	22,616	-2.3	+6.2	-1.0	24,012	24,721	22,735	21,176	224,859	210,413
	Market categories:													
	Home goods and apparel	13,507	14,332	13,755	13,273	-5.8	+4.2	+3.6	14,537	15,798	14,979	12,672	138,068	134,033
	Consumer staples	37,728	38,044	37,231	37,198	-0.8	+2.2	+0.1	38,673	40,924	37,331	35,118	368,051	345,341
	Equipment and defense products, except automotive	27,057	30,473	30,501	32,404	-11.2	-0.1	-5.9	29,673	32,106	25,994	26,847	297,412	304,952
	Automotive equipment	19,955	19,681	18,533	18,631	+1.4	+6.2	-0.5	21,295	20,285	16,576	15,839	196,988	190,299
	Construction materials, supplies and intermediate products	18,297	18,250	17,577	17,980	+0.3	+3.8	-2.2	18,960	19,478	18,449	17,817	182,861	174,384
	Other materials, supplies, and intermediate products	75,740	78,619	75,239	75,074	-3.7	+4.5	+0.2	76,019	79,730	73,657	69,371	772,240	809,518
	Supplementary series:[2]													
	Capital goods industries	32,004	37,060	34,657	37,544	-13.6	+6.9	-7.7	34,765	38,715	29,497	31,409	343,602	346,130
	Nondefense	26,879	28,222	26,325	27,387	-4.8	+7.2	-3.9	28,084	29,027	24,264	24,314	265,975	268,551
	Defense	5,125	8,838	8,332	10,157	-42.0	+6.1	-18.0	6,681	9,688	5,233	7,095	77,627	77,579
	Household durable goods industries	7,175	7,707	7,235	6,762	-6.9	+6.5	+7.0	7,445	8,443	7,610	6,120	70,981	65,808

P Preliminary. r Revised.

[1] Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

[2] The supplementary series are regroupings of the separate industry categories: Household durable goods industries includes household furniture; kitchen articles and pottery; cutlery, hand tools, and hardware; household appliances, radio and TV, ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Nondefense capital goods include machinery, except electrical (excluding farm machinery and equipment and machine shops); electrical machinery (excluding household appliances, radio and TV, and electronic components); railroad equipment; and the nondefense portions of ordnance; communication equipment; aircraft and aircraft parts; and shipbuilding, converting and repairing.

Defense capital goods include ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding converting and repairing. The defense data are comparable to those published annually in the MA-175, Shipments to Federal Government Agencies.

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		Oct. 1986P	Sept. 1986r	Aug. 1986	July 1986	Sept.-Oct.P	Aug.-Sept.r	July.-Aug.	Oct. 1986P	Sept. 1986r	Aug. 1986	July 1986	Oct. 1985
	All manufacturing industries..	365,139	368,597	365,479	365,948	-0.9	+0.9	-0.1	360,246	361,909	360,596	364,405	359,908
	Durable goods industries.....	353,778	357,499	354,803	355,112	-1.0	+0.8	-0.1	349,073	350,838	349,861	353,438	349,628
32	Stone, clay, and glass products...	2,637	2,694	2,675	2,648	-2.1	+0.7	+1.0	2,549	2,662	2,699	2,737	2,569
33	Primary metals.....	19,376	19,428	19,230	18,343	-0.3	+1.0	+4.8	18,411	18,661	18,807	18,061	18,885
331	Blast furnaces, steel mills.....	9,368	9,569	9,190	8,340	-2.1	+4.1	+10.2	8,797	9,052	8,905	8,106	8,761
333-9	Nonferrous and other primary metals.....	5,948	5,977	6,156	6,200	-0.5	-2.9	-0.7	5,627	5,840	6,107	6,144	6,815
34	Fabricated metal products.....	18,810	18,960	19,175	19,383	-0.8	-1.1	-1.1	18,599	19,081	19,368	19,669	19,874
35	Machinery, except electrical.....	54,922	56,384	56,458	56,288	-2.6	-0.1	+0.3	54,642	55,387	55,935	55,983	60,649
351	Engines and turbines.....	14,267	14,818	14,526	14,785	-3.7	+2.0	-1.8	14,652	14,715	14,518	14,629	14,855
353	Construction, mining, and material handling equipment....	4,831	4,832	4,981	4,962	0.0	-3.0	+0.4	4,768	4,774	4,926	4,982	6,179
354	Metalworking machinery.....	3,534	3,709	3,647	3,741	-4.7	+1.7	-2.5	3,580	3,739	3,775	3,763	4,473
356	General industrial machinery....	4,123	4,168	4,215	4,231	-1.1	-1.1	-0.4	4,098	4,114	4,219	4,231	4,391
357	Office and computing machines...	17,769	18,243	18,631	17,914	-2.6	-2.1	+4.0	17,307	17,732	18,240	18,039	20,364
36	Electrical machinery.....	84,667	84,527	84,113	85,044	+0.2	+0.5	-1.1	84,017	83,984	83,734	84,576	81,985
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	5,557	5,556	5,457	5,469	0.0	+1.8	-0.2	5,532	5,532	5,467	5,454	5,966
363	Household appliances.....	403	403	348	347	0.0	+15.8	+0.3	347	407	379	379	411
365	Radio and TV.....	505	364	287	313	+38.7	+26.8	-8.3	445	507	432	359	604
366	Communication equipment.....	61,614	61,343	60,975	61,502	+0.4	+0.6	-0.9	61,244	60,848	60,218	60,691	58,145
367	Electronic components.....	14,974	15,212	15,433	15,766	-1.6	-1.4	-2.1	14,824	15,029	15,572	16,034	15,347
37	Transportation equipment.....	159,158	161,306	159,424	159,575	-1.3	+1.2	-0.1	156,772	156,702	155,044	158,043	151,730
372,6	Aircraft, missiles, and parts...	134,830	136,877	135,067	134,705	-1.5	+1.3	+0.3	133,119	133,089	131,419	133,763	126,775
3731,95	Shipbuilding and military tank vehicles.....	18,403	18,770	18,644	18,848	-2.0	+0.7	-1.1	17,764	18,098	18,015	18,385	18,570
38	Instruments and related products..	8,676	8,611	8,336	8,456	+0.8	+3.3	-1.4	8,610	8,624	8,407	8,525	8,582
24,25, 39	All other durable goods.....	5,532	5,589	5,392	5,375	-1.0	+3.7	+0.3	5,473	5,737	5,867	5,844	5,354
	Nondurable goods industries.....	11,361	11,098	10,676	10,836	+2.4	+4.0	-1.5	11,173	11,071	10,735	10,967	10,280
	Market categories:												
	Home goods and apparel.....	4,483	4,382	4,157	4,033	+2.3	+5.4	+3.1	4,245	4,605	4,698	4,564	4,291
	Consumer staples.....	719	683	727	776	+5.3	-6.1	-6.3	739	719	734	744	744
	Equipment and defense products, except automotive.....	229,846	233,140	232,402	232,532	-1.4	+0.3	-0.1	227,233	227,755	227,262	230,184	226,625
	Automotive equipment.....	5,492	5,239	5,254	5,552	+4.8	-0.3	-5.4	5,470	5,103	5,149	5,402	5,822
	Construction materials, supplies and intermediate products.....	11,615	11,763	11,859	11,967	-1.3	-0.8	-0.9	11,476	11,829	12,020	12,204	12,203
	Other materials, supplies, and intermediate products.....	112,984	113,390	111,080	111,088	-0.4	+2.1	0.0	111,083	111,898	110,733	111,307	110,223
	Supplementary series:[2]												
	Capital goods industries.....	279,168	282,896	280,604	280,875	-1.3	+0.8	-0.1	276,214	276,998	275,143	278,421	274,198
	Nondefense.....	130,980	131,782	130,641	131,600	-0.6	+0.9	-0.7	131,053	130,431	130,209	131,370	133,814
	Defense.....	148,188	151,114	149,963	149,275	-1.9	+0.8	+0.5	145,161	146,567	144,934	147,051	140,384
	Household durable goods industries.....	3,962	3,828	3,610	3,522	+3.5	+6.0	+2.5	3,745	4,056	4,136	4,003	3,775

See footnotes at end of table 2.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		Oct. 1986P	Sept. 1986r	Aug. 1986	July 1986	Sept.-Oct.P	Aug.-Sept.r	July-Aug.	Oct. 1986P	Sept. 1986r	Aug. 1986	July 1986	Oct. 1985
	All manufacturing industries..	276,199	276,574	277,473	278,613	-0.1	-0.3	-0.4	275,792	275,097	277,799	278,441	282,136
	Manufacturing industries with unfilled orders.....	194,068	194,469	194,689	195,343	-0.2	-0.1	-0.3	193,377	193,677	195,505	196,374	197,918
	Durable goods industries.....	185,439	186,102	186,045	186,858	-0.4	0.0	-0.4	184,824	185,275	186,580	187,101	189,961
	With unfilled orders.....	170,405	170,885	171,148	171,854	-0.3	-0.2	-0.4	170,104	170,364	171,749	172,396	174,754
32	Stone, clay, and glass products...	5,487	5,529	5,673	5,608	-0.8	-2.5	+1.2	5,312	5,385	5,640	5,621	5,466
322	Glass containers.....	652	644	631	639	+1.2	+2.1	-1.3	645	629	635	643	615
33	Primary metals.....	15,429	15,855	16,212	16,724	-2.7	-2.2	-3.1	15,379	15,790	16,206	16,734	18,108
331	Blast furnaces, steel mills.....	6,212	6,515	6,805	7,164	-4.7	-4.3	-5.0	6,280	6,561	6,866	7,236	8,229
333-9	Nonferrous and other primary metals.....	8,054	8,140	8,208	8,305	-1.1	-0.8	-1.2	7,949	8,042	8,167	8,272	8,660
34	Fabricated metal products.....	18,493	18,734	18,511	18,685	-1.3	+1.2	-0.9	18,141	18,375	18,542	18,811	18,943
341	Metal cans, barrels, and drums..	2,394	2,460	2,146	2,148	-2.7	+14.6	-0.1	2,028	2,108	2,077	2,270	1,999
35	Machinery, except electrical.....	36,776	36,784	37,055	37,220	0.0	-0.7	-0.4	36,681	36,618	37,113	37,322	39,914
351	Engines and turbines.....	1,946	1,963	1,981	1,942	-0.9	-0.9	+2.0	1,951	1,925	1,946	1,938	1,959
352	Farm machinery and equipment....	1,705	1,610	1,657	1,699	+5.9	-2.8	-2.5	1,623	1,623	1,650	1,672	1,733
353	Construction, mining, and material handling equipment....	5,870	5,904	5,780	5,746	-0.6	+2.1	+0.6	5,829	5,839	5,786	5,717	6,319
354	Metalworking machinery.....	2,733	2,753	2,731	2,741	-0.7	+0.8	-0.4	2,744	2,736	2,761	2,768	2,731
356	General industrial machinery....	3,199	3,181	3,265	3,274	+0.6	-2.6	-0.3	3,157	3,149	3,226	3,277	3,376
357	Office and computing machines...	10,302	10,294	10,688	10,760	+0.1	-3.7	-0.7	10,395	10,356	10,880	10,975	12,595
36	Electrical machinery.....	34,416	34,529	34,596	34,570	-0.3	-0.2	+0.1	34,327	34,378	34,795	34,789	33,830
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	4,091	4,137	4,156	4,206	-1.1	-0.5	-1.2	4,134	4,118	4,168	4,213	4,445
363	Household appliances.....	2,421	2,401	2,382	2,414	+0.8	+0.8	-1.3	2,305	2,262	2,330	2,438	2,225
365	Radio and TV.....	1,629	1,585	1,622	1,659	+2.8	-2.3	-2.2	1,609	1,645	1,711	1,722	1,356
366	Communication equipment.....	15,094	15,248	15,335	15,240	-1.0	-0.6	+0.6	15,152	15,210	15,379	15,302	14,911
367	Electronic componehts.....	6,023	6,021	6,030	5,941	0.0	-0.1	+1.5	6,005	5,985	6,060	5,989	6,120
37	Transportation equipment.....	50,697	50,804	50,037	50,061	-0.2	+1.5	0.0	51,000	50,832	50,172	49,694	49,589
371	Motor vehicles and parts.....	10,640	10,642	10,674	10,892	0.0	-0.3	-2.0	10,872	10,784	10,769	10,410	11,511
372,6	Aircraft, missiles, and parts...	36,659	36,662	35,950	35,774	0.0	+2.0	+0.5	36,727	36,578	36,099	35,990	34,912
3731,95	Shipbuilding and military tank vehicles.....	1,788	1,746	1,709	1,679	+2.4	+2.2	+1.8	1,798	1,754	1,668	1,682	1,512
38	Instruments and related products..	9,762	9,608	9,552	9,545	+1.6	+0.6	+0.1	9,678	9,600	9,610	9,627	9,656
381-4	Scientific and engineering instruments.....	6,908	6,784	6,688	6,668	+1.8	+1.4	+0.3	6,846	6,750	6,681	6,715	6,938
386	Photographic goods.....	2,239	2,195	2,224	2,242	+2.0	-1.3	-0.8	2,237	2,224	2,284	2,267	2,115
24,25, 39	All other durable goods.....	14,379	14,259	14,409	14,445	+0.8	-1.0	-0.2	14,306	14,297	14,502	14,503	14,455
	Nondurable goods industries.....	90,760	90,472	91,428	91,755	+0.3	-1.0	-0.4	90,968	89,822	91,219	91,340	92,175
	With unfilled orders.....	23,663	23,584	23,541	23,489	+0.3	+0.2	+0.2	23,273	23,313	23,756	23,978	23,164
20	Food and kindred products.....	21,095	21,054	21,725	21,782	+0.2	-3.1	-0.3	22,193	21,332	21,606	20,806	22,202
201	Meat products.....	2,265	2,318	2,353	2,299	-2.3	-1.5	+2.3	2,238	2,170	2,219	2,223	2,351
208	Beverages.....	3,389	3,469	3,553	3,562	-2.3	-2.4	-0.3	3,348	3,382	3,400	3,462	3,398
207	Fats and oils.....	1,076	1,047	1,036	1,031	+2.8	+1.1	+0.5	1,100	822	854	892	1,130
203-6,9	All other foods.....	12,529	12,423	13,008	13,175	+0.9	-4.5	-1.3	13,682	13,181	13,333	12,464	13,631
21	Tobacco products.....	3,034	2,974	2,982	3,086	+2.0	-0.3	-3.4	3,083	2,956	2,806	2,796	3,367
22	Textile mill products.....	6,420	6,397	6,337	6,531	+0.4	+0.9	-3.0	6,206	6,276	6,323	6,573	6,551
26	Paper and allied products.....	9,955	10,065	10,114	10,029	-1.1	-0.5	+0.8	9,834	9,842	10,026	10,086	9,512
261-3,6	Pulp, paper etc.....	3,919	3,906	3,885	3,931	+0.3	+0.5	-1.2	3,895	3,832	3,876	3,933	3,701
265	Paperboard containers.....	2,381	2,411	2,379	2,298	-1.2	+1.3	+3.5	2,336	2,372	2,377	2,342	2,232
264	All other paper products.....	3,655	3,748	3,850	3,800	-2.5	-2.6	+1.3	3,599	3,638	3,773	3,811	3,579
28	Chemicals and allied products.....	22,366	22,141	22,085	22,252	+1.0	+0.3	-0.8	22,132	21,675	21,971	22,241	21,472
281,6	Industrial chemicals, except pigments.....	6,732	6,658	6,676	6,661	+1.1	-0.3	+0.2	6,685	6,558	6,683	6,694	6,589
283,4	Drugs, soaps, and toiletries....	7,305	7,223	7,297	7,334	+1.1	-1.0	-0.5	7,217	7,100	7,304	7,371	6,845
29	Petroleum and coal products.....	5,514	5,478	5,767	5,852	+0.7	-5.0	-1.5	5,654	5,567	5,783	5,858	7,373
30	Rubber and plastics products.....	6,163	6,285	6,314	6,301	-1.9	-0.5	+0.2	6,041	6,128	6,178	6,313	5,966
23,27, 31	All other nondurable goods.....	16,213	16,078	16,104	15,922	+0.8	-0.2	+1.1	15,825	16,046	16,526	16,667	15,732
	Market categories:												
	Home goods and apparel.....	22,383	22,228	22,421	22,411	+0.7	-0.9	0.0	21,772	22,041	22,741	23,060	21,310
	Consumer staples.....	34,117	33,946	34,706	34,930	+0.5	-2.2	-0.6	35,088	34,340	34,682	33,949	34,996
	Equipment and defense products, except automotive.....	82,882	83,062	82,667	82,865	-0.2	+0.5	-0.2	82,826	82,478	82,708	83,058	85,099
	Automotive equipment.....	12,797	12,937	12,980	13,181	-1.1	-0.3	-1.5	12,953	12,992	12,963	12,580	13,803
	Construction materials, supplies and intermediate products.....	18,155	18,278	18,479	18,454	-0.7	-1.1	+0.1	17,981	18,104	18,436	18,455	18,609
	Other materials, supplies, and intermediate products.....	105,865	106,123	106,220	106,772	-0.2	-0.1	-0.5	105,172	105,142	106,269	107,339	108,319
	Supplementary series:[2]												
	Capital goods industries.....	97,287	97,465	96,981	96,834	-0.2	+0.5	+0.2	97,354	97,095	97,274	97,300	97,981
	Nondefense.....	68,050	68,429	68,515	68,685	-0.6	-0.1	-0.2	68,401	68,237	68,713	68,728	71,667
	Defense.....	29,237	29,036	28,466	28,149	+0.7	+2.0	+1.1	28,953	28,858	28,561	28,572	26,314
	Household durable goods industries.....	11,599	11,446	11,567	11,638	+1.3	-1.0	-0.6	11,360	11,376	11,759	11,857	10,946

See footnotes at end of table 2.

Table 5. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		Oct. 1986P	Sept. 1986r	Aug. 1986	July 1986	Sept.-Oct.P	Aug.-Sept.r	July-Aug.	Oct. 1986P	Sept. 1986r	Aug. 1986	July 1986	Oct. 1985
	MATERIALS AND SUPPLIES												
	All manufacturing industries..	85,859	86,419	86,562	87,023	-0.6	-0.2	-0.5	85,367	85,694	86,274	86,942	88,717
	Durable goods industries.....	50,408	51,052	50,878	51,338	-1.3	+0.3	-0.9	50,460	51,051	51,121	51,460	53,725
32	Stone, clay, and glass products...	1,704	1,697	1,761	1,749	+0.4	-3.6	+0.7	1,700	1,700	1,771	1,753	1,764
33	Primary metals.....	4,490	4,564	4,596	4,836	-1.6	-0.7	-5.0	4,563	4,584	4,585	4,792	5,581
34	Fabricated metal products.....	6,708	6,880	6,946	7,101	-2.5	-1.0	-2.2	6,616	6,828	6,957	7,165	7,373
35	Machinery, except electrical.....	10,360	10,524	10,442	10,281	-1.6	+0.8	+1.6	10,326	10,421	10,413	10,335	11,266
36	Electrical Machinery.....	7,688	7,871	7,855	7,961	-2.3	+0.2	-1.3	7,627	7,873	7,923	8,108	7,995
37	Transportation equipment.....	11,515	11,625	11,281	11,395	-0.9	+3.0	-1.0	11,501	11,607	11,417	11,293	11,578
38	Instruments and related products..	2,641	2,625	2,662	2,682	+0.6	-1.4	-0.7	2,649	2,656	2,663	2,683	2,715
24,25, 39	All other durable goods.....	5,302	5,266	5,335	5,333	+0.7	-1.3	0.0	5,478	5,382	5,392	5,331	5,453
	Nondurable goods industries.....	35,451	35,367	35,684	35,685	+0.2	-0.9	0.0	34,907	34,643	35,153	35,482	34,992
20	Food and kindred products.....	7,827	7,845	8,069	7,963	-0.2	-2.8	+1.3	7,855	7,401	7,653	7,626	7,579
21	Tobacco products.....	2,408	2,419	2,419	2,552	-0.5	0.0	-5.2	2,281	2,330	2,301	2,335	2,658
22	Textile mill products.....	1,938	1,885	1,947	1,964	+2.8	-3.2	-0.9	1,824	1,832	1,943	2,014	1,948
26	Paper and allied products.....	4,915	4,976	4,963	4,921	-1.2	+0.3	+0.9	4,896	4,936	4,920	4,958	4,633
28	Chemicals and allied products.....	8,520	8,348	8,326	8,382	+2.1	+0.3	-0.7	8,350	8,319	8,341	8,450	7,921
29	Petroleum and coal products.....	1,644	1,623	1,684	1,627	+1.3	-3.6	+3.5	1,638	1,583	1,654	1,643	1,856
30	Rubber and plastics products.....	2,232	2,265	2,292	2,205	-1.5	-1.2	+3.9	2,228	2,230	2,218	2,231	2,029
23,27, 31	All other nondurable goods.....	5,967	6,006	5,984	6,071	-0.6	+0.4	-1.4	5,835	6,012	6,123	6,225	6,368
	WORK IN PROCESS												
	All manufacturing industries..	104,642	104,635	104,177	104,306	0.0	+0.4	-0.1	105,030	104,602	104,693	104,285	106,070
	Durable goods industries.....	90,685	90,898	90,673	90,518	-0.2	+0.2	+0.2	90,945	90,768	91,019	90,420	91,375
32	Stone, clay, and glass products...	733	746	761	766	-1.7	-2.0	-0.7	700	726	747	751	777
33	Primary metals.....	6,600	6,746	6,845	6,874	-2.2	-1.4	-0.4	6,568	6,755	6,938	6,943	7,236
34	Fabricated metal products.....	6,828	6,942	6,766	6,769	-1.6	+2.6	0.0	6,755	6,856	6,803	6,884	6,958
35	Machinery, except electrical.....	14,721	14,833	15,186	15,094	-0.8	-2.3	+0.6	14,850	14,778	15,190	14,961	16,304
36	Electrical Machinery.....	20,489	20,353	20,378	20,157	+0.7	-0.1	+1.1	20,529	20,275	20,492	20,207	19,720
37	Transportation equipment.....	33,979	34,022	33,523	33,591	-0.1	+1.5	-0.2	34,276	34,138	33,590	33,356	32,716
38	Instruments and related products..	4,066	4,032	3,948	3,950	+0.8	+2.1	-0.1	4,035	4,003	3,972	3,980	4,173
24,25, 39	All other durable goods.....	3,269	3,224	3,266	3,317	+1.4	-1.3	-1.5	3,232	3,237	3,287	3,338	3,491
	Nondurable goods industries.....	13,957	13,737	13,504	13,788	+1.6	+1.7	-2.1	14,085	13,834	13,674	13,865	14,695
20	Food and kindred products.....	1,683	1,664	1,669	1,700	+1.1	-0.3	-1.8	1,664	1,625	1,621	1,633	1,636
21	Tobacco products.....	297	259	276	258	+14.7	-6.2	+7.0	476	350	237	201	405
22	Textile mill products.....	1,937	1,902	1,836	1,984	+1.8	+3.6	-7.5	1,929	1,904	1,829	1,959	2,048
26	Paper and allied products.....	1,187	1,157	1,170	1,169	+2.6	-1.1	+0.1	1,189	1,175	1,203	1,187	1,143
28	Chemicals and allied products.....	3,534	3,483	3,351	3,469	+1.5	+3.9	-3.4	3,531	3,475	3,380	3,494	3,736
29	Petroleum and coal products.....	768	733	758	764	+4.8	-3.3	-0.8	750	737	789	782	1,278
30	Rubber and plastics products.....	1,165	1,233	1,169	1,175	-5.5	+5.5	-0.5	1,172	1,251	1,197	1,193	1,181
23,27, 31	All other nondurable goods.....	3,386	3,306	3,275	3,269	+2.4	+0.9	+0.2	3,374	3,317	3,418	3,416	3,268
	FINISHED GOODS												
	All manufacturing industries..	85,698	85,520	86,734	87,284	+0.2	-1.4	-0.6	85,395	84,801	86,832	87,214	87,349
	Durable goods industries.....	44,346	44,152	44,494	45,002	+0.4	-0.8	-1.1	43,419	43,456	44,440	45,221	44,861
32	Stone, clay, and glass products...	3,050	3,086	3,151	3,093	-1.2	-2.1	+1.9	2,912	2,959	3,122	3,117	2,925
33	Primary metals.....	4,339	4,545	4,771	5,014	-4.5	-4.7	-4.8	4,248	4,451	4,683	4,999	5,291
34	Fabricated metal products.....	4,957	4,912	4,799	4,815	+0.9	+2.4	-0.3	4,770	4,691	4,782	4,762	4,612
35	Machinery, except electrical.....	11,695	11,427	11,427	11,845	+2.3	0.0	-3.5	11,505	11,419	11,510	12,026	12,344
36	Electrical Machinery.....	6,239	6,305	6,363	6,452	-1.0	-0.9	-1.4	6,171	6,230	6,380	6,474	6,115
37	Transportation equipment.....	5,203	5,157	5,233	5,075	+0.9	-1.5	+3.1	5,223	5,087	5,165	5,045	5,295
38	Instruments and related products..	3,055	2,951	2,942	2,913	+3.5	+0.3	+1.0	2,994	2,941	2,975	2,964	2,768
24,25, 39	All other durable goods.....	5,808	5,769	5,808	5,795	+0.7	-0.7	+0.2	5,596	5,678	5,823	5,834	5,511
	Nondurable goods industries.....	41,352	41,368	42,240	42,282	0.0	-2.1	-0.1	41,976	41,345	42,392	41,993	42,488
20	Food and kindred products.....	11,585	11,545	11,987	12,119	+0.3	-3.7	-1.1	12,674	12,306	12,332	11,547	12,987
21	Tobacco products.....	329	296	287	276	+11.1	+3.1	+4.0	326	276	268	260	304
22	Textile mill products.....	2,545	2,610	2,554	2,583	-2.5	+2.2	-1.1	2,453	2,540	2,551	2,600	2,555
26	Paper and allied products.....	3,853	3,932	3,981	3,939	-2.0	-1.2	+1.1	3,749	3,731	3,903	3,941	3,736
28	Chemicals and allied products.....	10,312	10,310	10,408	10,401	0.0	-0.9	+0.1	10,251	9,881	10,250	10,297	9,815
29	Petroleum and coal products.....	3,102	3,122	3,325	3,461	-0.6	-6.1	-3.9	3,266	3,247	3,340	3,433	4,239
30	Rubber and plastics products.....	2,766	2,787	2,853	2,921	-0.8	-2.3	-2.3	2,641	2,647	2,763	2,889	2,756
23,27, 31	All other nondurable goods.....	6,860	6,766	6,845	6,582	+1.4	-1.2	+4.0	6,616	6,717	6,985	7,026	6,096

[P]Preliminary. [r]Revised.

Table 6. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP

(Based on seasonally adjusted data)

SIC Code	Industry	Inventory/shipments ratio				Unfilled orders/shipments ratio[1]			
		Oct. 1986p	Sept. 1986r	Aug. 1986	July 1986	Oct. 1986p	Sept. 1986r	Aug. 1986	July 1986
	All manufacturing industries	1.41	1.41	1.44	1.44	3.32	3.36	3.41	3.38
	Durable goods industries	1.73	1.76	1.79	1.78	4.07	4.15	4.19	4.14
32	Stone, clay, and glass products	1.11	1.12	1.19	1.15	0.59	0.60	0.62	0.60
33	Primary metals	1.59	1.64	1.73	1.73	2.00	2.01	2.05	1.90
34	Fabricated metal products	1.28	1.31	1.33	1.33	1.39	1.41	1.48	1.48
35	Machinery, except electrical	2.21	2.22	2.25	2.18	3.42	3.55	3.62	3.44
36	Electrical machinery	2.04	2.00	2.05	2.14	5.01	4.90	4.98	5.26
37	Transportation equipment	1.79	1.88	1.86	1.83	10.08	10.96	10.73	10.33
38	Instruments and related products	2.07	2.10	2.02	2.01	1.84	1.89	1.76	1.78
	Nondurable goods industries	1.02	1.00	1.03	1.04	0.49	0.48	0.47	0.48
20	Food and kindred products	0.80	0.79	0.83	0.82	(X)	(X)	(X)	(X)
21	Tobacco products	2.04	1.64	1.67	2.07	(X)	(X)	(X)	(X)
22	Textile mill products	1.35	1.36	1.37	1.42	(NA)	(NA)	(NA)	(NA)
26	Paper and allied products	1.07	1.06	1.09	1.08	(NA)	(NA)	(NA)	(NA)
28	Chemicals and allied products	1.24	1.23	1.22	1.26	(X)	(X)	(X)	(X)
29	Petroleum and coal products	0.54	0.51	0.53	0.55	(X)	(X)	(X)	(X)
30	Rubber and plastics products	1.54	1.58	1.66	1.68	(X)	(X)	(X)	(X)

pPreliminary. rRevised. (X) Not applicable. (NA) Not available.

[1]Excludes the following industries with no unfilled orders: Wood and lumber products; glass containers; metal cans, barrels, and drums; farm machinery and equipment; motor vehicle assembly operations; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.

Table 7. AVERAGE REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES

(Based on seasonally adjusted data)

SIC Code	Industry	Shipments			New orders			Unfilled orders			Inventories		
		Year ago Oct. 1985	All Octs. 1981-1985	Oct. 1985-Sept. 1986	Year ago Oct. 1985	All Octs. 1981-1985	Oct. 1985-Sept. 1986	Year ago Oct. 1985	All Octs. 1981-1985	Oct. 1985-Sept. 1986	Year ago Oct. 1985	All Octs. 1981-1985	Oct. 1985-Sept. 1986
	All manufacturing industries	0.2	0.2	0.3	0.1	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1
	Durable goods industries	0.4	0.4	0.4	0.1	0.5	0.6	0.1	0.1	0.1	0.1	0.1	0.1
32	Stone, clay, and glass products	2.1	1.7	1.2	1.7	1.7	1.2	0.6	0.6	0.8	0.1	0.8	0.3
33	Primary metals	0.1	0.2	0.6	0.2	0.4	0.7	0.1	0.1	0.3	0.4	0.3	0.2
34	Fabricated metal products	0.0	0.9	0.9	0.4	1.0	1.2	0.3	0.3	0.2	2.3	0.7	0.6
35	Machinery, except electrical	0.3	0.5	0.6	0.4	0.7	1.2	0.2	0.1	0.2	0.0	0.4	0.2
36	Electrical machinery	0.7	0.6	0.8	0.4	0.7	1.3	0.1	0.1	0.2	0.8	0.3	0.2
37	Transportation equipment	0.2	0.4	0.3	0.7	1.5	1.5	0.2	0.2	0.2	0.0	0.1	0.1
38	Instruments and related products	1.0	0.8	0.8	1.1	1.1	1.1	0.0	0.2	0.4	0.7	0.4	0.3
	Nondurable goods industries	0.2	0.1	0.3	0.2	0.1	0.3	0.6	0.4	0.4	0.3	0.2	0.2
20	Food and kindred products	0.5	0.4	0.4	(X)	(X)	(X)	(X)	(X)	(X)	0.5	0.5	0.3
21	Tobacco products	0.0	0.0	0.5	(X)	(X)	(X)	(X)	(X)	(X)	0.0	0.2	0.1
22	Textile mill products	1.1	0.6	1.4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2.2	1.5	1.0
26	Paper and allied products	0.7	0.7	0.6	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.1	0.2	0.3
28	Chemicals and allied product	0.4	1.1	0.9	(X)	(X)	(X)	(X)	(X)	(X)	0.7	0.4	0.4
29	Petroleum and coal products	0.5	0.6	1.0	(X)	(X)	(X)	(X)	(X)	(X)	0.4	0.5	0.6
30	Rubber and plastics products	0.0	1.0	0.9	(X)	(X)	(X)	(X)	(X)	(X)	0.6	0.5	0.6
	Capital goods industries:	0.8	0.6	0.5	0.2	0.9	0.7	0.1	0.2	0.1	0.1	0.1	0.1
	Nondefense	0.3	0.9	1.0	2.5	2.6	4.2	0.2	0.2	0.2	0.9	0.2	0.4
	Defense												

(X) Not Applicable (NA) Not available.

Note: The revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences for the durable goods industries are shown in the advance report for the month.

U.S. Department of Commerce
BUREAU OF THE CENSUS
Washington, D.C. 20233

Official Business
Penalty for Private Use, $300

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE
COM-202

First Class Mail

M3-1(86-11

CURRENT INDUSTRIAL REPORTS

NEWARK PUBLIC LIBRARY
FEB 2 0 1987
GOVT. PUBS.
DEPOSITORY 376

Manufacturers' Shipments, Inventories, and Orders

November 1986

U.S. Department of Commerce
BUREAU OF THE CENSUS

M3-1(86)-11
For Wire Transmission 10:00 a.m. E.S.T. Friday, January 2, 1987

(All Figures in text are in seasonally adjusted current dollars)

NOTICE - Impending changes in the M3 survey, effective with the February 1987 advance report on durable goods, are outlined on page 8.

SUMMARY. New orders for manufactured goods in November increased $7.9 billion or 4.1 percent to $200.4 billion. The increase was largely attributable to large defense orders and orders for nondurable goods.

Shipments of manufactured goods increased $2.0 billion or 1.0 percent to $198.2 billion. Nondurable goods increased 2.6 percent; durable goods declined 0.2 percent. Unfilled orders for manufactured goods increased $2.2 billion or 0.6 percent to $367.1 billion. About two-thirds of the increase resulted from defense orders. Excluding defense, the orders backlog was up 0.2 percent.

Inventories held by manufacturers increased $0.6 billion or 0.2 percent in November to $276.6 billion. Both the durable and nondurable goods sectors were up 0.2 percent. By stage of fabrication, the inventory increase was concentrated in finished goods, which were up 1.4 percent. Materials and supplies decreased 0.2 percent and work in process declined 0.4 percent.

NEW ORDERS. Over two-thirds of the $7.9 billion increase in manufacturers' orders occurred in the durable goods sector. Orders for durable goods were up $5.7 billion or 5.5 percent to $109.3 billion, following a 4.7 percent decline in October. Both months were heavily influenced by orders for defense capital goods. Excluding defense, durable goods orders in November were up 0.3 percent and in October down 1.3 percent.

Within the major industry categories, the largest increases were in transportation equipment, up $4.2 billion or 15.9 percent to $30.3 billion, and nonelectrical machinery, up $1.9 billion or 12.2 percent to $17.1 billion. Defense orders caused the increase in transportation equipment; excluding defense, transportation equipment orders were down 6.3 percent. Increases within the nonelectrical machinery category were widespread with the largest in engines and turbines and office and computing equipment.

New orders for nondurable goods increased $2.2 billion or 2.5 percent to $91.1 billion. The largest industry increases were in petroleum and tobacco products.

SHIPMENTS. The increase in November in manufacturers' shipments resulted from increases in nondurable goods industries. In total, nondurables were up $2.3 billion or 2.6 percent to $91.0 billion. Nearly half of the increase was in the petroleum products industries, up $0.9 billion or 9.2 percent to $11.1 billion; petroleum has been on a sharp downward trend during most of this year.

Shipments of durable goods in November decreased $0.3 billion or 0.2 percent to $107.2 billion. The largest decline was in transportation equipment, down $0.6 billion or 2.1 percent to $27.7 billion; most of the decrease was in motor vehicle and parts. The largest increase was in electrical machinery, up $0.7 billion or 4.2 percent to $17.6 billion.

UNFILLED ORDERS. About three-fourths of unfilled orders held by manufacturers are for capital goods. In November, the backlog of orders for capital goods increased $2.4 billion or 0.9 percent to $281.5 billion; $1.7 billion of that increase was in the defense category. Unfilled orders for nondefense capital goods increased $0.7 billion or 0.6 percent to $131.7 billion; the aircraft and parts industry accounted for most of the increase. Unfilled orders for noncapital goods industries were unchanged from October.

INVENTORIES. The increase in durable goods inventories in November of 0.2 percent was mostly in transportation equipment, largely motor vehicles and parts. In nondurable goods, also up 0.2 percent, increases in chemicals and rubber and plastics more than offset a decline in food products.

The inventory to shipments ratio in November was 1.40, in October 1.41, and September 1.41.

SCHEDULED RELEASE DATES. The advance report on durable goods for December is scheduled for release on January 27, 1987 at 8:30 a.m. and the full report on February 3, 1987 at 10:00 a.m.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Ruth Runyan or Kathleen Menth, (301) 763-2502 or (301) 763-2512.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. This press release is also available on the date of issue through the Census Bureau's online information service-CENDATA™. The online version of the report can be read from a terminal screen, printed on- or off-line, or copied to a computer file for future use. CENDATA is available from Dialog Information Services, Inc. (800/334-2564). Further information about accessing CENDATA can be obtained from Dialog. The CENDATA Staff at the Bureau of the Census (301/763-2074) can provide content information and general guidance, or write for a brochure to CENDATA, DUSD, Bureau of the Census, Washington, DC 20233.

C 3.158:

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]					
		Monthly				Percent change			Monthly				Year to date	
		Nov. 1986P	Oct. 1986r	Sept. 1986	Aug. 1986	Oct.-Nov.P	Sept.-Oct.r	Aug.-Sept.	Nov. 1986P	Oct. 1986r	Sept. 1986	Aug. 1986	1986P	1985
	All manufacturing industries	198,232	196,202	196,281	193,305	+1.0	0.0	+1.5	195,402	201,296	207,008	190,795	2,152,612	2,149,007
	Manufacturing industries with unfilled orders	111,362	110,360	109,570	107,264	+0.9	+0.7	+2.1	110,336	113,145	115,565	105,573	1,191,531	1,164,875
	Durable goods industries	107,185	107,443	106,027	104,154	-0.2	+1.3	+1.8	105,256	110,545	111,768	100,573	1,162,670	1,142,276
	With unfilled orders	88,150	87,215	86,218	84,714	+1.1	+1.2	+1.8	86,992	89,049	91,180	82,606	943,846	933,529
32	Stone, clay, and glass products	4,968	4,978	4,941	4,760	-0.2	+0.7	+3.8	4,872	5,277	5,396	5,066	54,890	53,093
322	Glass containers	449	450	415	424	-0.2	+8.4	-2.1	415	459	430	459	4,789	4,493
33	Primary metals	9,579	9,770	9,644	9,358	-2.0	+1.3	+3.1	9,058	9,772	9,734	9,183	108,594	116,590
331	Blast furnaces, steel mills	3,662	3,890	3,833	3,638	-5.9	+1.5	+5.4	3,461	3,828	3,756	3,543	43,928	48,574
333-9	Nonferrous and other primary metals	4,697	4,673	4,683	4,601	+0.5	-0.2	+1.8	4,425	4,706	4,856	4,527	51,409	54,312
34	Fabricated metal products	14,092	14,397	14,266	13,910	-2.1	+0.9	+2.6	13,754	15,037	15,046	14,160	157,025	155,771
341	Metal cans, barrels, and drums	895	904	837	920	-1.0	+8.0	-9.0	760	859	947	1,087	10,211	10,542
35	Machinery, except electrical	16,901	16,750	16,597	16,433	+0.9	+0.9	+1.0	16,580	16,619	17,639	15,216	186,183	193,716
351	Engines and turbines	1,287	1,264	1,249	1,159	+1.8	+1.2	+7.8	1,182	1,176	1,313	1,063	13,473	13,628
352	Farm machinery and equipment	718	647	730	835	+11.0	-11.4	-12.6	631	736	754	680	8,852	9,645
353	Construction, mining, and material handling equipment	2,661	2,434	2,319	2,498	+9.3	+5.0	-7.2	2,648	2,478	2,472	2,276	30,515	30,725
354	Metalworking machinery	939	961	918	787	-2.3	+4.7	+16.6	897	1,031	1,003	738	9,607	9,689
356	General industrial machinery	1,478	1,510	1,463	1,319	-2.1	+3.2	+10.9	1,425	1,575	1,491	1,327	16,150	15,460
357	Office and computing machines	3,896	4,001	4,256	4,018	-2.6	-6.0	+5.9	4,176	3,753	4,775	3,737	42,774	49,419
36	Electrical machinery	17,627	16,909	17,258	16,883	+4.2	-2.0	+2.2	17,632	17,240	18,362	16,375	179,367	169,277
361,2	Electrical transmission and distribution equipment and industrial apparatus	2,153	2,135	2,129	2,143	+0.8	+0.3	-0.7	2,086	2,068	2,298	2,069	23,213	22,828
363	Household appliances	1,640	1,667	1,598	1,515	-1.6	+4.3	+5.5	1,497	1,712	1,750	1,609	16,656	15,812
365	Radio and TV	1,168	1,213	1,203	1,166	-3.7	+0.8	+3.2	1,205	1,363	1,421	1,139	12,019	10,176
366	Communication equipment	6,087	5,467	5,973	5,791	+11.3	-8.5	+3.1	6,060	5,434	6,076	5,487	59,476	56,286
367	Electronic components	3,388	3,299	3,280	3,347	+2.7	+0.6	-2.0	3,395	3,279	3,487	3,270	36,374	35,982
37	Transportation equipment	27,743	28,334	27,082	26,855	-2.1	+4.6	+0.8	27,377	29,316	28,114	24,095	300,362	287,497
371	Motor vehicles and parts	17,229	17,720	17,777	16,970	-2.8	-0.3	+4.8	16,854	18,919	18,404	14,949	194,926	189,194
372,6	Aircraft, missiles, and parts	8,815	8,878	7,720	8,163	-0.7	+15.0	-5.4	8,969	8,740	8,202	7,563	88,110	80,323
3731,95	Shipbuilding and military tank vehicles	735	684	648	754	+7.5	+5.6	-14.1	730	681	656	728	7,643	8,988
38	Instruments and related products	4,867	4,823	4,568	4,727	+0.9	+5.6	-3.4	4,885	4,959	4,942	4,650	51,608	51,675
381-4	Scientific and engineering instruments	3,184	3,094	2,919	3,169	+2.9	+6.0	-7.9	3,092	3,094	3,147	3,106	33,654	33,886
386	Photographic goods	1,504	1,555	1,492	1,399	-3.3	+4.2	+6.6	1,618	1,675	1,622	1,381	16,009	15,690
24,25, 39	All other durable goods	11,408	11,482	11,671	11,228	-0.6	-1.6	+3.9	11,098	12,325	12,535	11,828	124,641	114,657
	Nondurable goods industries	91,047	88,759	90,254	89,151	+2.6	-1.7	+1.2	90,146	90,751	95,240	90,222	989,942	1,006,731
	With unfilled orders	23,212	23,145	23,352	22,550	+0.3	-0.9	+3.6	23,344	24,096	24,385	22,967	247,685	231,346
20	Food and kindred products	26,782	26,469	26,552	26,286	+1.2	-0.3	+1.0	26,581	27,172	28,307	26,268	284,666	271,583
201	Meat products	6,161	6,164	6,127	6,102	0.0	+0.6	+0.4	6,118	6,398	6,262	6,303	63,536	62,031
208	Beverages	3,935	3,931	3,997	4,013	+0.1	-1.7	-0.4	3,691	3,982	4,025	4,290	44,171	41,947
207	Fats and oils	1,103	1,092	1,073	1,077	+1.0	+1.8	-0.4	1,143	1,090	1,088	1,050	11,690	12,587
203-6,9	All other foods	12,150	11,900	12,095	11,723	+2.1	-1.6	+3.2	12,199	12,340	13,571	11,254	128,863	119,391
21	Tobacco products	2,038	1,486	1,815	1,781	+37.1	-18.1	+1.9	2,052	1,508	2,013	1,882	19,372	18,332
22	Textile mill products	4,801	4,793	4,693	4,618	+0.2	+2.1	+1.6	4,669	5,002	5,067	4,825	50,194	48,407
26	Paper and allied products	9,583	9,397	9,515	9,299	+2.0	-1.2	+2.3	9,227	9,479	9,704	9,485	100,270	89,714
261-3,6	Pulp, paper etc.	4,047	4,086	4,077	3,929	-1.0	+0.2	+3.8	3,993	4,050	4,115	3,957	42,508	38,454
265	Paperboard containers	1,824	1,790	1,855	1,838	+1.9	-3.5	+0.9	1,773	1,896	1,914	1,884	20,159	19,854
264	All other paper products	3,712	3,521	3,583	3,532	+5.4	-1.7	+1.4	3,461	3,533	3,675	3,644	37,603	31,406
28	Chemicals and allied products	18,067	17,903	17,949	18,060	+0.9	-0.3	-0.6	17,036	17,161	18,767	17,593	196,652	196,847
281,6	Industrial chemicals, except pigments	6,175	5,952	5,958	5,937	+3.7	-0.1	+0.4	5,897	5,684	5,982	5,830	64,744	65,582
283,4	Drugs, soaps, and toiletries	5,160	5,239	5,249	5,153	-1.5	-0.2	+1.9	4,969	5,155	6,162	5,189	56,391	51,065
29	Petroleum and coal products	11,146	10,203	10,718	10,880	+9.2	-4.8	-1.5	11,158	10,306	11,006	11,023	132,088	177,070
30	Rubber and plastics products	4,103	3,995	3,984	3,804	+2.7	+0.3	+4.7	3,991	4,257	4,250	3,925	44,104	44,672
23,27, 31	All other nondurable goods	14,527	14,513	15,028	14,423	+0.1	-3.4	+4.2	15,432	15,866	16,126	15,221	162,596	160,106
	Market categories:													
	Home goods and apparel	13,597	13,461	14,107	13,631	+1.0	-4.6	+3.5	13,904	14,952	15,891	14,845	151,400	147,585
	Consumer staples	38,125	37,419	38,088	37,280	+1.9	-1.8	+2.2	38,189	38,379	40,939	37,341	405,960	380,650
	Equipment and defense products, except automotive	31,254	30,486	29,735	30,631	+2.5	+2.5	-2.9	31,050	30,333	31,613	28,916	329,627	328,945
	Automotive equipment	19,323	19,861	19,696	18,831	-2.7	+0.8	+4.6	18,680	21,084	20,331	16,829	215,908	210,442
	Construction materials, supplies and intermediate products	18,366	18,623	18,346	17,685	-1.4	+1.5	+3.7	17,814	19,501	19,669	18,633	201,363	191,267
	Other materials, supplies, and intermediate products	77,567	76,352	76,309	75,247	+1.6	+0.1	+1.4	75,765	77,047	78,565	74,231	848,354	890,118
	Supplementary series:[2]													
	Capital goods industries	36,599	35,730	34,768	34,928	+2.4	+2.8	-0.5	36,682	35,551	36,860	32,775	379,612	371,495
	Nondefense	27,905	27,722	27,081	27,284	+0.7	+2.4	-0.7	27,941	27,506	28,805	25,425	295,609	295,374
	Defense	8,694	8,008	7,687	7,644	+8.6	+4.2	+0.6	8,741	8,045	8,055	7,350	84,003	76,141
	Household durable goods industries	7,116	7,133	7,489	7,147	-0.2	-4.8	+4.8	7,103	7,854	8,523	7,477	77,617	72,201

See footnotes at end of table 2.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]					
		Monthly				Percent change			Monthly				Year to date	
		Nov. 1986[P]	Oct. 1986[r]	Sept. 1986	Aug. 1986	Oct.-Nov.[P]	Sept.-Oct.[r]	Aug.-Sept.	Nov. 1986[P]	Oct. 1986[r]	Sept. 1986	Aug. 1986	1986[P]	1985
	All manufacturing industries	200,421	192,502	199,399	192,836	+4.1	-3.5	+3.4	195,866	199,388	208,321	186,986	2,151,717	2,151,245
	Manufacturing industries with unfilled orders	113,551	106,660	112,688	106,795	+6.5	-5.3	+5.5	110,800	111,237	116,878	101,764	1,190,636	1,167,112
	Durable goods industries	109,273	103,569	108,723	103,845	+5.5	-4.7	+4.7	105,808	108,623	112,745	98,996	1,161,247	1,144,363
	With unfilled orders	90,238	83,341	88,914	84,405	+8.3	-6.3	+5.3	87,544	87,127	92,157	79,029	942,423	935,616
32	Stone, clay, and glass products	4,918	4,958	4,960	4,787	-0.8	0.0	+3.6	4,804	5,200	5,359	5,028	54,774	53,177
33	Primary metals	9,501	9,713	9,842	10,245	-2.2	-1.3	-3.9	9,067	9,516	9,588	9,929	107,878	117,110
331	Blast furnaces, steel mills	3,717	3,677	4,212	4,488	+1.1	-12.7	-6.1	3,579	3,561	3,903	4,342	43,925	49,095
333-9	Nonferrous and other primary metals	4,757	4,651	4,504	4,557	+2.3	+3.3	-1.2	4,482	4,499	4,589	4,490	50,353	53,772
34	Fabricated metal products	14,316	14,217	14,051	13,702	+0.7	+1.2	+2.5	13,703	14,524	14,759	13,859	155,585	154,565
35	Machinery, except electrical	17,092	15,231	16,523	16,603	+12.2	-7.8	-0.5	16,718	15,819	17,091	15,168	181,855	191,193
351	Engines and turbines	1,198	727	1,541	900	+64.8	-52.8	+71.2	973	1,128	1,510	952	12,904	13,478
353	Construction, mining, and material handling equipment	2,666	2,375	2,170	2,517	+12.3	+9.4	-13.8	2,667	2,415	2,320	2,220	28,928	31,088
354	Metalworking machinery	868	796	980	693	+9.0	-18.8	+41.4	822	882	967	750	9,244	10,149
356	General industrial machinery	1,516	1,473	1,416	1,303	+2.9	+4.0	+8.7	1,455	1,567	1,386	1,315	16,043	15,161
357	Office and computing machines	4,109	3,537	3,868	4,735	+16.2	-8.6	-18.3	4,419	3,338	4,267	3,938	41,444	49,161
36	Electrical machinery	16,872	17,083	17,672	15,952	-1.2	-3.3	+10.8	16,167	17,301	18,612	15,533	180,506	172,360
361,2	Electrical transmission and distribution equipment and industrial apparatus	2,025	2,198	2,228	2,131	-7.9	-1.3	+4.6	1,944	2,129	2,363	2,082	22,923	22,440
363	Household appliances	1,616	1,667	1,653	1,516	-3.1	+0.8	+9.0	1,468	1,652	1,778	1,609	16,617	15,835
365	Radio and TV	1,235	1,410	1,280	1,140	-12.4	+10.2	+12.3	1,201	1,351	1,496	1,212	12,072	10,263
366	Communication equipment	5,617	5,709	6,341	5,264	-1.6	-10.0	+20.5	5,198	5,801	6,706	5,014	62,296	63,346
367	Electronic components	3,157	3,006	3,059	3,014	+5.0	-1.7	+1.5	2,960	3,020	2,944	2,808	34,739	32,325
37	Transportation equipment	30,272	26,615	28,964	26,704	+15.9	-9.8	+8.5	29,657	29,317	29,772	21,096	304,170	287,504
372,6	Aircraft, missiles, and parts	12,569	6,783	9,530	8,525	+85.3	-28.8	+11.8	11,796	8,724	9,872	5,219	92,478	84,198
3731,95	Shipbuilding and military tank vehicles	-352	317	774	550	-211.0	-59.0	+40.7	358	347	739	358	7,448	6,114
38	Instruments and related products	4,747	4,843	4,843	4,607	-2.0	0.0	+5.1	4,715	4,901	5,159	4,532	51,400	51,887
24,25, 39	All other durable goods	11,555	11,409	11,868	11,245	+1.3	-3.9	+5.5	10,977	12,045	12,405	11,851	125,079	114,567
	Nondurable goods industries	91,148	88,933	90,676	88,991	+2.5	-1.9	+1.9	90,058	90,765	95,576	89,990	990,470	1,006,882
	With unfilled orders	23,313	23,319	23,774	22,390	0.0	-1.9	+6.2	23,256	24,110	24,721	22,735	248,213	231,496
	Market categories:													
	Home goods and apparel	13,705	13,624	14,332	13,755	+0.6	-4.9	+4.2	13,709	14,648	15,798	14,979	151,888	147,606
	Consumer staples	38,169	37,420	38,044	37,231	+2.0	-1.6	+2.2	38,197	38,363	40,924	37,331	405,938	380,740
	Equipment and defense products, except automotive	32,615	26,930	30,473	30,501	+21.1	-11.6	-0.1	32,126	29,552	32,106	25,994	329,417	332,679
	Automotive equipment	19,246	20,091	19,681	18,533	-4.2	+2.1	+6.2	18,555	21,428	20,285	16,576	215,676	209,608
	Construction materials, supplies and intermediate products	18,163	18,476	18,250	17,577	-1.7	+1.2	+3.8	17,519	19,148	19,478	18,449	200,568	191,050
	Other materials, supplies, and intermediate products	78,523	75,961	78,619	75,239	+3.4	-3.4	+4.5	75,760	76,249	79,730	73,657	848,230	889,562
	Supplementary series:[2]													
	Capital goods industries	39,045	31,913	37,040	34,657	+22.3	-13.9	+6.9	38,261	34,680	38,715	29,497	381,778	378,133
	Nondefense	28,647	26,912	28,222	26,325	+6.4	-4.6	+7.2	28,218	28,120	29,027	24,264	294,229	293,971
	Defense	10,398	5,001	8,838	8,332	+107.9	-43.4	+6.1	10,043	6,560	9,688	5,233	87,549	84,162
	Household durable goods industries	7,292	7,333	7,707	7,235	-0.6	-4.9	+6.5	6,967	7,603	8,443	7,610	78,106	72,205

[P]Preliminary. [r]Revised.

[1]Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

[2]The supplementary series are regroupings of the separate industry categories: Household durable goods industries includes household furniture; kitchen articles and pottery; cutlery, hand tools, and hardware; household appliances, radio and TV, ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Nondefense capital goods include machinery, except electrical (excluding farm machinery and equipment and machine shops); electrical machinery (excluding household appliances, radio and TV, and electronic components); railroad equipment; and the nondefense portions of ordnance; communication equipment; aircraft and aircraft parts; and shipbuilding, converting and repairing.

Defense capital goods include ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding converting and repairing. The defense data are comparable to those published annually in the MA-175, Shipments to Federal Government Agencies.

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted				Percent change			Not seasonally adjusted[1]				
		End of month							End of month				
		Nov. 1986P	Oct. 1986r	Sept. 1986	Aug. 1986	Oct.- Nov.P	Sept.- Oct.r	Aug.- Sept.	Nov. 1986P	Oct. 1986r	Sept. 1986	Aug. 1986	Nov. 1985
	All manufacturing industries..	367,086	364,897	368,597	365,479	+0.6	-1.0	+0.9	360,465	360,001	361,909	360,596	355,178
	Durable goods industries.....	355,713	353,625	357,699	354,803	+0.6	-1.1	+0.8	349,668	348,916	350,838	349,861	345,114
32	Stone, clay, and glass products...	2,624	2,674	2,694	2,675	-1.9	-0.7	+0.7	2,517	2,585	2,662	2,699	2,681
33	Primary metals.....	19,293	19,371	19,428	19,230	-0.4	-0.3	+1.0	18,614	18,605	18,861	18,807	19,024
331	Blast furnaces, steel mills.....	9,611	9,356	9,569	9,190	+0.6	-2.2	+4.1	8,903	8,785	9,052	8,905	8,923
333-9	Nonferrous and other primary metals.....	6,015	5,955	5,977	6,156	+1.0	-0.4	-2.9	5,690	5,633	5,860	6,107	6,576
34	Fabricated metal products.....	19,004	18,780	18,960	19,175	+1.2	-0.9	-1.1	18,517	18,568	19,081	19,368	19,975
35	Machinery, except electrical.....	55,056	54,865	56,384	56,658	+0.3	-2.7	-0.1	54,725	54,587	55,387	55,935	60,449
351	Engines and turbines.....	14,192	14,281	14,818	14,528	-0.6	-3.6	+2.0	14,658	14,667	14,715	14,518	15,012
353	Construction, mining, and material handling equipment....	6,778	6,773	6,832	6,981	+0.1	-1.2	-3.0	6,730	6,711	6,776	6,926	6,255
354	Metalworking machinery.....	3,673	3,546	3,709	3,867	+2.0	-4.4	+1.7	3,515	3,590	3,739	3,775	4,303
356	General industrial machinery....	4,169	4,131	4,168	4,215	+0.9	-0.9	-1.1	4,136	4,106	4,114	4,219	4,362
357	Office and computing machines...	17,992	17,779	18,243	18,631	+1.2	-2.5	-2.1	17,560	17,317	17,732	18,240	20,012
36	Electrical machinery.....	83,946	84,701	84,527	84,113	-0.9	+0.2	+0.5	82,580	84,045	83,984	83,734	80,998
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	5,491	5,619	5,556	5,457	-2.3	+1.1	+1.8	5,451	5,593	5,532	5,667	5,794
363	Household appliances.....	379	403	403	368	-6.0	0.0	+15.6	318	347	407	379	386
365	Radio and TV.....	628	561	366	287	+11.9	+54.1	+20.8	491	495	507	432	522
366	Communication equipment.....	61,115	61,585	61,363	60,975	-0.8	+0.4	+0.6	60,353	61,215	60,848	60,218	57,629
367	Electronic components.....	14,688	14,919	15,212	15,433	-1.5	-1.9	-1.4	14,335	14,770	15,029	15,572	15,239
37	Transportation equipment.....	161,616	159,087	161,306	159,426	+1.6	-1.4	+1.2	158,983	156,703	156,702	155,044	148,568
372,6	Aircraft, missiles, and parts...	138,536	134,782	136,877	135,067	+2.8	-1.5	+1.3	135,900	133,073	133,089	131,619	124,412
1731,95	Shipbuilding and military tank vehicles.....	17,315	18,603	18,770	18,644	-5.9	-2.0	+0.7	17,392	17,766	18,098	18,015	17,983
38	Instruments and related products..	8,511	8,631	8,611	8,336	-1.4	+0.2	+3.3	8,396	8,566	8,626	8,607	8,526
24,25, 39	All other durable goods.....	5,663	5,516	5,589	5,392	+2.7	-1.3	+3.7	5,336	5,457	5,737	5,867	5,093
	Nondurable goods industries.....	11,373	11,272	11,098	10,676	+0.9	+1.6	+4.0	10,997	11,085	11,071	10,735	10,064
	Market categories:												
	Home goods and apparel.....	4,653	4,545	4,382	4,157	+2.4	+3.7	+5.4	4,104	4,301	4,605	4,698	3,849
	Consumer staples.....	728	684	683	727	+6.4	+0.1	-6.1	711	703	719	736	723
	Equipment and defense products, except automotive.....	230,945	229,584	233,140	232,602	+0.6	-1.5	+0.3	228,050	226,976	227,755	227,262	223,635
	Automotive equipment.....	5,392	5,469	5,239	5,256	-1.4	+4.4	-0.3	5,322	5,467	5,103	5,149	5,655
	Construction materials, supplies and intermediate products.....	11,413	11,616	11,763	11,859	-1.7	-1.2	-0.8	11,181	11,676	11,829	12,020	11,978
	Other materials, supplies, and intermediate products.....	113,955	112,999	113,390	111,080	+0.8	-0.3	+2.1	111,095	111,100	111,898	110,733	109,338
	Supplementary series:[2]												
	Capital goods industries.....	281,525	279,079	282,896	280,604	+0.9	-1.3	+0.8	277,706	276,127	276,998	275,163	270,496
	Nondefense.....	131,714	130,972	131,782	130,661	+0.6	-0.6	+0.9	131,322	131,065	130,631	130,209	131,425
	Defense.....	149,811	148,107	151,114	149,943	+1.2	-2.0	+0.8	146,384	145,062	146,367	144,936	139,069
	Household durable goods industries.....	4,204	4,028	3,828	3,610	+4.4	+5.2	+6.0	3,669	3,805	4,056	4,138	3,435

See footnotes at end of table 2.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted				Percent change			Not seasonally adjusted[1]				
		End of month							End of month				
		Nov. 1986P	Oct. 1986r	Sept. 1986	Aug. 1986	Oct.- Nov.P	Sept.- Oct.r	Aug.- Sept.	Nov. 1986P	Oct. 1986r	Sept. 1986	Aug. 1986	Nov. 1985
	All manufacturing industries	276,588	276,007	276,574	277,473	+0.2	-0.2	-0.3	275,368	275,619	275,097	277,799	280,930
	Manufacturing industries with unfilled orders	193,518	193,858	194,669	194,689	-0.2	-0.3	-0.1	191,957	193,175	193,677	195,503	196,689
	Durable goods industries	185,742	185,358	186,102	186,045	+0.2	-0.4	0.0	184,248	184,747	185,275	186,580	188,867
	With unfilled orders	169,981	170,325	170,885	171,148	-0.2	-0.3	-0.2	168,869	170,028	170,364	171,749	173,505
32	Stone, clay, and glass products	5,572	5,480	5,529	5,673	+1.7	-0.9	-2.5	5,391	5,306	5,385	5,660	5,536
322	Glass containers	672	652	644	631	+3.1	+1.2	+2.1	665	645	629	635	638
33	Primary metals	15,679	15,514	15,855	16,212	-0.2	-2.2	-2.2	15,446	15,465	15,790	16,206	17,969
331	Blast furnaces, steel mills	6,317	6,272	6,515	6,805	+0.7	-3.7	-4.3	6,412	6,341	6,561	6,866	8,203
333-9	Nonferrous and other primary metals	8,029	8,079	8,140	8,208	-0.6	-0.7	-0.8	7,917	7,976	8,042	8,167	8,550
34	Fabricated metal products	18,614	18,533	18,736	18,511	+0.4	-1.1	+1.2	18,030	18,181	18,375	18,542	18,764
341	Metal cans, barrels, and drums	2,524	2,393	2,460	2,148	+5.5	-2.7	+14.6	2,135	2,027	2,108	2,077	1,923
35	Machinery, except electrical	36,737	36,690	36,786	37,055	+0.1	-0.3	-0.7	36,559	36,595	36,618	37,113	39,518
351	Engines and turbines	1,980	1,965	1,983	1,981	+1.8	-0.9	-0.9	1,980	1,950	1,925	1,946	1,924
352	Farm machinery and equipment	1,704	1,706	1,610	1,657	0.0	+5.8	-2.8	1,629	1,622	1,623	1,650	1,740
353	Construction, mining, and material handling equipment	5,754	5,846	5,904	5,780	-1.6	-1.0	+2.1	5,725	5,805	5,839	5,786	6,232
354	Metalworking machinery	2,808	2,745	2,753	2,731	+2.2	-0.3	+0.8	2,814	2,756	2,736	2,761	2,778
356	General industrial machinery	3,184	3,202	3,181	3,265	-0.6	+0.7	-2.6	3,155	3,160	3,149	3,226	3,408
357	Office and computing machines	10,214	10,300	10,296	10,688	-0.8	+0.1	-3.7	10,183	10,393	10,356	10,880	12,296
36	Electrical machinery	34,204	34,361	34,529	34,596	-0.5	-0.5	-0.2	33,881	34,274	34,378	34,795	33,228
361,2	Electrical transmission and distribution equipment and industrial apparatus	4,104	4,075	4,137	4,156	+0.7	-1.5	-0.5	4,108	4,118	4,118	4,148	4,290
363	Household appliances	2,410	2,397	2,401	2,382	+0.5	-0.2	+0.8	2,246	2,282	2,262	2,330	2,150
365	Radio and TV	1,617	1,621	1,585	1,622	-0.2	+2.3	-2.3	1,601	1,602	1,645	1,711	1,344
366	Communication equipment	15,090	15,086	15,248	15,335	0.0	-1.1	-0.6	15,034	15,142	15,210	15,379	14,752
367	Electronic components	5,930	6,041	6,021	6,030	-1.8	+0.3	-0.1	5,876	6,023	5,985	6,060	5,976
37	Transportation equipment	50,927	50,702	50,804	50,037	+0.4	-0.2	+1.5	51,068	51,004	50,832	50,172	49,779
371	Motor vehicles and parts	11,013	10,665	10,642	10,676	+3.3	0.0	-0.3	11,123	10,877	10,786	10,769	11,445
372,6	Aircraft, missiles, and parts	36,543	36,657	36,862	35,950	-0.3	0.0	+2.0	36,517	36,725	36,578	36,099	35,070
3731,95	Shipbuilding and military tank vehicles	1,811	1,781	1,766	1,709	+1.7	+2.0	+2.2	1,802	1,791	1,756	1,668	1,547
38	Instruments and related products	9,636	9,706	9,608	9,552	-0.7	+1.0	+0.6	9,541	9,620	9,600	9,610	9,608
381-6	Scientific and engineering instruments	6,810	6,863	6,786	6,688	-0.5	+0.9	+1.4	6,776	6,781	6,750	6,681	6,903
386	Photographic goods	2,204	2,239	2,195	2,224	-1.6	+2.0	-1.3	2,169	2,237	2,224	2,284	2,110
24,25, 39	All other durable goods	14,575	14,174	14,259	14,409	+2.4	+0.8	-1.0	14,332	14,302	14,297	14,502	14,465
	Nondurable goods industries	90,846	90,649	90,472	91,428	+0.2	+0.2	-1.0	91,120	90,872	89,822	91,219	92,063
	With unfilled orders	23,537	23,533	23,584	23,541	0.0	-0.2	+0.2	23,088	23,147	23,313	23,756	22,984
20	Food and kindred products	21,069	21,205	21,056	21,725	-0.6	+0.7	-3.1	22,274	22,314	21,332	21,606	21,987
201	Meat products	2,231	2,256	2,318	2,353	-1.0	-2.8	-1.5	2,291	2,227	2,170	2,219	2,308
208	Beverages	3,436	3,385	3,469	3,553	+1.4	-2.4	-2.4	3,362	3,344	3,382	3,400	3,304
207	Fats and oils	953	1,060	1,047	1,038	-10.1	+1.2	+1.1	1,158	1,083	822	854	1,168
203-6,9	All other foods	12,559	12,667	12,423	13,008	-0.9	+2.0	-4.5	13,639	13,832	13,181	13,333	13,546
21	Tobacco products	3,053	3,034	2,974	2,982	+0.6	+2.0	-0.3	3,105	3,083	2,956	2,806	3,300
22	Textile mill products	6,224	6,310	6,397	6,337	-1.4	-1.4	+0.9	6,070	6,100	6,276	6,323	6,494
26	Paper and allied products	10,010	9,902	10,045	10,114	+0.5	-1.0	-0.5	9,986	9,841	9,842	10,026	9,630
261-3,6	Pulp, paper etc.	3,962	3,917	3,908	3,885	+1.1	+0.3	+0.5	3,962	3,897	3,832	3,876	3,703
265	Paperboard containers	2,380	2,392	2,411	2,379	-0.5	-0.8	+1.3	2,359	2,347	2,372	2,377	2,239
264	All other paper products	3,674	3,653	3,748	3,850	+0.6	-2.5	-2.6	3,665	3,597	3,638	3,773	3,688
28	Chemicals and allied products	22,413	22,297	22,141	22,085	+0.5	+0.7	+0.3	22,362	22,063	21,675	21,971	21,626
281,6	Industrial chemicals, except pigments	6,793	6,727	6,658	6,676	+1.0	+1.0	-0.3	6,773	6,680	6,558	6,683	6,469
283,4	Drugs, soaps, and toiletries	7,361	7,368	7,223	7,297	-0.1	+2.0	-1.0	7,376	7,280	7,100	7,304	6,879
29	Petroleum and coal products	5,568	5,512	5,478	5,767	+1.0	+0.6	-5.0	5,799	5,652	5,567	5,783	7,774
30	Rubber and plastics products	6,308	6,150	6,285	6,314	+2.6	-2.1	-0.5	6,133	6,028	6,128	6,178	5,981
23,27, 31	All other nondurable goods	16,195	16,179	16,078	16,104	+0.1	+0.6	-0.2	15,391	15,791	16,046	16,526	15,273
	Market categories:												
	Home goods and apparel	22,485	22,359	22,228	23,621	+0.6	+0.6	-0.9	21,454	21,749	22,041	22,741	20,854
	Consumer staples	34,271	34,317	33,946	34,706	-0.1	+1.1	-2.2	35,179	35,300	34,340	34,682	34,587
	Equipment and defense products, except automotive	82,692	82,725	83,062	82,667	0.0	-0.4	+0.5	82,331	82,668	82,478	82,708	84,847
	Automotive equipment	13,090	12,762	12,937	12,980	+2.6	-1.4	-0.3	13,198	12,918	12,992	12,963	13,830
	Construction materials, supplies and intermediate products	18,542	18,178	18,278	18,479	+2.0	-0.5	-1.1	18,185	18,005	18,104	18,436	18,805
	Other materials, supplies, and intermediate products	105,508	105,668	106,123	106,220	-0.2	-0.4	-0.1	105,021	104,979	105,142	106,269	108,007
	Supplementary series:[2]												
	Capital goods industries	96,896	97,135	97,665	96,981	-0.2	-0.5	+0.5	96,597	97,203	97,095	97,274	97,400
	Nondefense	67,831	67,914	68,429	68,515	-0.1	-0.8	-0.1	68,006	68,266	68,237	68,713	71,252
	Defense	29,065	29,221	29,036	28,466	-0.5	+0.6	+2.0	28,591	28,937	28,858	28,561	26,148
	Household durable goods industries	11,698	11,591	11,446	11,567	+0.9	+1.3	-1.0	11,274	11,353	11,376	11,759	10,743

See footnotes at end of table 2.

Table 5. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		Nov. 1986[P]	Oct. 1986[r]	Sept. 1986	Aug. 1986	Oct.-Nov.[P]	Sept.-Oct.[r]	Aug.-Sept.	Nov. 1986[P]	Oct. 1986[r]	Sept. 1986	Aug. 1986	Nov. 1985
	MATERIALS AND SUPPLIES												
	All manufacturing industries..	85,987	86,141	86,419	86,562	-0.2	-0.3	-0.2	85,626	85,656	85,694	86,274	87,721
	Durable goods industries.....	50,530	50,561	51,052	50,878	-0.1	-1.0	+0.3	50,473	50,615	51,051	51,121	52,978
32	Stone, clay, and glass products...	1,693	1,710	1,697	1,761	-1.0	+0.8	-3.6	1,678	1,706	1,700	1,771	1,776
33	Primary metals.....	4,526	4,557	4,564	4,596	-0.7	-0.2	-0.7	4,644	4,631	4,584	4,585	5,421
34	Fabricated metal products.....	6,757	6,744	6,880	6,946	+0.2	-2.0	-1.0	6,594	6,652	6,828	6,957	7,162
35	Machinery, except electrical.....	10,364	10,345	10,524	10,442	+0.2	-1.7	+0.8	10,337	10,311	10,421	10,413	11,125
36	Electrical Machinery.....	7,680	7,697	7,871	7,855	-0.2	-2.2	+0.2	7,554	7,636	7,873	7,923	7,844
37	Transportation equipment.....	11,599	11,536	11,625	11,281	+0.5	-0.8	+3.0	11,631	11,522	11,607	11,417	11,524
38	Instruments and related products..	2,612	2,627	2,625	2,662	-0.6	+0.1	-1.4	2,597	2,635	2,656	2,663	2,642
24,25, 39	All other durable goods.....	5,299	5,345	5,266	5,335	-0.9	+1.5	-1.3	5,438	5,522	5,382	5,392	5,484
	Nondurable goods industries.....	35,457	35,580	35,367	35,684	-0.3	+0.6	-0.9	35,153	35,041	34,643	35,153	34,743
20	Food and kindred products.....	7,958	7,986	7,845	8,069	-0.4	+1.8	-2.8	8,226	8,019	7,401	7,653	7,482
21	Tobacco products.....	2,426	2,408	2,419	2,419	+0.7	-0.5	0.0	2,357	2,281	2,330	2,301	2,679
22	Textile mill products.....	1,863	1,918	1,885	1,947	-2.9	+1.8	-3.2	1,798	1,805	1,832	1,943	1,926
26	Paper and allied products.....	4,980	4,921	4,976	4,963	+1.2	-1.1	+0.3	4,957	4,902	4,936	4,920	4,689
28	Chemicals and allied products.....	8,425	8,519	8,348	8,326	-1.1	+2.0	+0.3	8,261	8,349	8,319	8,341	7,901
29	Petroleum and coal products.....	1,663	1,652	1,623	1,684	+0.7	+1.8	-3.6	1,649	1,646	1,583	1,654	2,048
30	Rubber and plastics products.....	2,252	2,215	2,265	2,292	+1.7	-2.2	-1.2	2,219	2,210	2,230	2,218	2,071
23,27, 31	All other nondurable goods.....	5,890	5,961	6,006	5,984	-1.2	-0.7	+0.4	5,686	5,829	6,012	6,123	5,947
	WORK IN PROCESS												
	All manufacturing industries..	103,984	104,412	104,635	104,177	-0.4	-0.2	+0.4	103,671	104,803	104,602	104,693	105,400
	Durable goods industries.....	90,030	90,507	90,898	90,673	-0.5	-0.4	+0.2	89,696	90,769	90,768	91,019	90,733
32	Stone, clay, and glass products...	747	713	746	761	+4.8	-4.4	-2.0	707	681	726	747	757
33	Primary metals.....	6,614	6,593	6,746	6,845	+0.3	-2.3	-1.4	6,546	6,561	6,755	6,938	7,103
34	Fabricated metal products.....	6,941	6,826	6,942	6,766	+1.7	-1.7	+2.6	6,683	6,753	6,856	6,803	6,988
35	Machinery, except electrical.....	14,425	14,639	14,833	15,186	-1.5	-1.3	-2.3	14,473	14,768	14,778	15,190	15,957
36	Electrical Machinery.....	20,302	20,456	20,353	20,378	-0.8	+0.5	-0.1	20,251	20,498	20,275	20,492	19,399
37	Transportation equipment.....	33,678	33,963	34,022	33,523	-0.8	-0.2	+1.5	33,771	34,260	34,138	33,590	32,951
38	Instruments and related products..	4,019	4,045	4,032	3,948	-0.6	+0.3	+2.1	3,995	4,013	4,003	3,972	4,166
24,25, 39	All other durable goods.....	3,304	3,272	3,224	3,266	+1.0	+1.5	-1.3	3,270	3,235	3,237	3,287	3,412
	Nondurable goods industries.....	13,954	13,905	13,737	13,504	+0.4	+1.2	+1.7	13,975	14,034	13,834	13,674	14,667
20	Food and kindred products.....	1,682	1,670	1,664	1,669	+0.7	+0.4	-0.3	1,699	1,652	1,625	1,621	1,616
21	Tobacco products.....	304	297	259	276	+2.4	+14.7	-6.2	421	476	350	237	297
22	Textile mill products.....	1,902	1,892	1,902	1,836	+0.5	-0.5	+3.6	1,887	1,884	1,904	1,829	2,009
26	Paper and allied products.....	1,196	1,186	1,157	1,170	+0.8	+2.5	-1.1	1,188	1,188	1,175	1,203	1,176
28	Chemicals and allied products.....	3,402	3,479	3,483	3,351	-2.2	-0.1	+3.9	3,404	3,476	3,475	3,380	3,687
29	Petroleum and coal products.....	760	769	733	758	-1.2	+4.9	-3.3	758	751	737	789	1,184
30	Rubber and plastics products.....	1,272	1,194	1,233	1,169	+6.5	-3.2	+5.5	1,277	1,201	1,251	1,197	1,170
23,27, 31	All other nondurable goods.....	3,436	3,418	3,306	3,275	+0.5	+3.4	+0.9	3,341	3,406	3,317	3,418	3,328
	FINISHED GOODS												
	All manufacturing industries..	86,617	85,454	85,520	86,734	+1.4	-0.1	-1.4	86,071	85,160	84,801	86,832	87,809
	Durable goods industries.....	45,182	44,290	44,152	44,494	+2.0	+0.3	-0.8	44,079	43,363	43,456	44,440	45,156
32	Stone, clay, and glass products...	3,132	3,057	3,086	3,151	+2.5	-0.9	-2.1	3,006	2,919	2,959	3,122	3,003
33	Primary metals.....	4,339	4,364	4,545	4,771	-0.6	-4.0	-4.7	4,256	4,273	4,451	4,683	5,445
34	Fabricated metal products.....	4,916	4,963	4,912	4,799	-0.9	+1.0	+2.4	4,753	4,776	4,691	4,782	4,614
35	Machinery, except electrical.....	11,948	11,706	11,427	11,427	+2.1	+2.4	0.0	11,749	11,516	11,419	11,510	12,436
36	Electrical Machinery.....	6,222	6,208	6,305	6,363	+0.2	-1.5	-0.9	6,076	6,140	6,230	6,380	5,985
37	Transportation equipment.....	5,650	5,203	5,157	5,233	+8.6	+0.9	-1.5	5,666	5,222	5,087	5,165	5,304
38	Instruments and related products..	3,003	3,032	2,951	2,942	-1.0	+2.7	+0.3	2,949	2,972	2,941	2,975	2,800
24,25, 39	All other durable goods.....	5,972	5,757	5,769	5,808	+3.7	-0.2	-0.7	5,624	5,545	5,678	5,823	5,569
	Nondurable goods industries.....	41,435	41,164	41,368	42,240	+0.7	-0.5	-2.1	41,992	41,797	41,345	42,392	42,653
20	Food and kindred products.....	11,429	11,549	11,545	11,987	-1.0	0.0	-3.7	12,349	12,643	12,306	12,332	12,889
21	Tobacco products.....	323	329	296	287	-1.8	+11.1	+3.1	327	326	276	268	324
22	Textile mill products.....	2,459	2,500	2,610	2,554	-1.6	-4.2	+2.2	2,385	2,411	2,540	2,551	2,559
26	Paper and allied products.....	3,840	3,855	3,932	3,981	-0.4	-2.0	-1.2	3,841	3,751	3,731	3,903	3,765
28	Chemicals and allied products.....	10,586	10,299	10,310	10,408	+2.8	-0.1	-0.9	10,697	10,238	9,881	10,250	10,036
29	Petroleum and coal products.....	3,145	3,091	3,122	3,325	+1.7	-1.0	-6.1	3,392	3,255	3,247	3,340	4,342
30	Rubber and plastics products.....	2,784	2,741	2,787	2,853	+1.6	-1.7	-2.3	2,637	2,617	2,647	2,763	2,740
23,27, 31	All other nondurable goods.....	6,869	6,800	6,766	6,845	+1.0	+0.5	-1.2	6,364	6,556	6,717	6,985	5,998

[P]Preliminary. [r]Revised.

Table 6. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP

(Based on seasonally adjusted data)

SIC Code	Industry	Inventory/shipments ratio				Unfilled orders/shipments ratio[1]			
		Nov. 1986P	Oct. 1986r	Sept. 1986	Aug. 1986	Nov. 1986P	Oct. 1986r	Sept. 1986	Aug. 1986
	All manufacturing industries	1.40	1.41	1.41	1.44	3.30	3.31	3.36	3.41
	Durable goods industries	1.73	1.73	1.76	1.79	4.04	4.05	4.15	4.19
32	Stone, clay, and glass products	1.12	1.10	1.12	1.19	0.58	0.59	0.60	0.62
33	Primary metals	1.62	1.59	1.64	1.73	2.01	1.98	2.01	2.05
34	Fabricated metal products	1.32	1.29	1.31	1.33	1.44	1.39	1.41	1.48
35	Machinery, except electrical	2.17	2.19	2.22	2.25	3.40	3.41	3.55	3.62
36	Electrical machinery	1.94	2.03	2.00	2.05	4.76	5.01	4.90	4.98
37	Transportation equipment	1.84	1.79	1.88	1.86	9.84	10.08	10.96	10.73
38	Instruments and related products	1.98	2.01	2.10	2.02	1.75	1.79	1.89	1.78
	Nondurable goods industries	1.00	1.02	1.00	1.03	0.49	0.49	0.48	0.47
20	Food and kindred products	0.79	0.80	0.79	0.83	(X)	(X)	(X)	(X)
21	Tobacco products	1.50	2.04	1.64	1.67	(X)	(X)	(X)	(X)
22	Textile mill products	1.30	1.32	1.36	1.37	(NA)	(NA)	(NA)	(NA)
26	Paper and allied products	1.05	1.06	1.06	1.09	(NA)	(NA)	(NA)	(NA)
28	Chemicals and allied products	1.24	1.25	1.23	1.22	(X)	(X)	(X)	(X)
29	Petroleum and coal products	0.50	0.54	0.51	0.53	(X)	(X)	(X)	(X)
30	Rubber and plastics products	1.54	1.54	1.58	1.66	(X)	(X)	(X)	(X)

P Preliminary. r Revised. (X) Not applicable. (NA) Not available.

[1] Excludes the following industries with no unfilled orders: Wood and lumber products; glass containers; metal cans, barrels, and drums; farm machinery and equipment; motor vehicle assembly operations; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.

Table 7. AVERAGE REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES

(Based on seasonally adjusted data)

SIC Code	Industry	Shipments			New orders			Unfilled orders			Inventories		
		Year ago Nov. 1985	All Novs. 1981-1985	Nov. 1985-Oct. 1986	Year ago Nov. 1985	All Novs. 1981-1985	Nov. 1985-Oct. 1986	Year ago Nov. 1985	All Novs. 1981-1985	Nov. 1985-Oct. 1986	Year ago Nov. 1985	All Novs. 1981-1985	Nov. 1985-Oct. 1986
	All manufacturing industries	0.1	0.2	0.3	0.2	0.3	0.3	0.1	0.1	0.1	0.0	0.0	0.1
	Durable goods industries	0.1	0.2	0.4	0.4	0.4	0.6	0.1	0.1	0.1	0.1	0.1	0.1
32	Stone, clay, and glass products	1.1	0.6	1.0	2.0	1.4	1.1	1.8	1.5	0.9	0.0	0.5	0.3
33	Primary metals	0.8	0.6	0.7	1.0	0.6	0.7	0.1	0.1	0.3	0.4	0.3	0.2
34	Fabricated metal products	0.5	1.1	1.0	1.4	2.0	1.2	0.6	0.5	0.5	0.1	0.4	0.4
35	Machinery, except electrical	0.5	1.0	0.6	0.1	1.4	1.2	0.2	0.4	0.2	0.5	0.2	0.2
36	Electrical machinery	0.9	0.5	0.8	0.3	1.1	1.3	0.2	0.2	0.2	0.1	0.2	0.2
37	Transportation equipment	0.6	0.3	0.3	1.6	1.1	1.4	0.2	0.2	0.2	0.1	0.2	0.1
38	Instruments and related products	0.1	0.4	1.0	0.1	1.0	1.1	0.0	0.3	0.4	0.3	0.2	0.3
	Nondurable goods industries	0.1	0.3	0.3	0.1	0.3	0.3	0.0	0.2	0.5	0.1	0.2	0.2
20	Food and kindred products	0.8	0.4	0.4	(X)	(X)	(X)	(X)	(X)	(X)	0.2	0.3	0.3
21	Tobacco products	0.0	0.0	0.5	(X)	(X)	(X)	(X)	(X)	(X)	0.0	0.0	0.1
22	Textile mill products	1.8	1.3	1.4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.9	0.8	1.0
26	Paper and allied products	0.8	0.7	0.6	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.0	0.2	0.3
28	Chemicals and allied product	1.2	0.5	0.9	(X)	(X)	(X)	(X)	(X)	(X)	0.6	0.7	0.4
29	Petroleum and coal products	1.8	1.1	1.0	(X)	(X)	(X)	(X)	(X)	(X)	0.9	0.8	0.6
30	Rubber and plastics products	0.8	0.9	0.9	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.3	0.6
	Capital Goods Industries:												
	Nondefense	1.1	0.7	0.5	1.7	1.6	0.7	0.1	0.1	0.1	0.4	0.2	0.2
	Defense	0.5	0.8	1.0	2.5	4.0	4.1	0.1	0.2	0.2	0.6	0.3	0.3

(X) Not Applicable (NA) Not available.

Note: The revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences for the durable goods industries are shown in the advance report for the month.

U.S. Department of Commerce
BUREAU OF THE CENSUS
Washington, D.C. 20233

Official Business
Penalty for Private Use, $300

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE
COM-202

First Class Mail

NOTICE

Effective with the February 1987 Advance Report on Durable Goods to be issued on March 24, and the regular Manufacturers' Shipments, Inventories and Orders (M3) report to be issued on March 31, the following changes in the M3 survey will be implemented:

- Concurrent seasonal adjustment of the M3 data series will begin. Concurrent seasonal adjustment uses all available unadjusted estimates, including the current month, to calculate seasonal factors for generating the seasonally adjusted data series. Several industry categories will no longer be adjusted, due to lack of seasonal variation in the series. For these series, unadjusted data will be included in both the seasonally adjusted and unadjusted aggregates.

- Inventory data will be valued on a current cost (or pre-LIFO) basis. Currently, the inventory data are reported at book value using any generally accepted method of accounting (FIFO, LIFO, etc.).

- The household durable goods series will be eliminated from the advance report and several series will be eliminated from the regular report because they do not meet publication standards.

- Data for 3 months ago will be replaced by data for the current month 1 year ago.

- An annual report including data for 1982-1986 will be issued prior to the February advance report on durable goods. This report will contain revisions to the monthly data to reflect benchmarking to the 1982 Census of Manufactures and 1983-1985 Annual Surveys of Manufactures, corrections to monthly data for reports received too late for inclusion in the monthly publications, and updating of seasonal factors.

Any questions regarding this announcement can be answered by calling (301) 763-2502.

PUBLICATION DATES FOR THE 1987 MONTHLY M3 SURVEY
MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS

Report Covering	Advance Report Release Dates (8:30 a.m. release time)	Regular Report Release Dates (10:00 a.m. release time)
January	Tues., Feb. 24	Wed., Mar. 4
February	Tues., Mar. 24	Tues., Mar. 31
March	Wed., Apr. 22	Thurs., Apr. 30
April	Fri., May 22	Tues., June 2
May	Tues., June 23	Tues., June 30
June	Thurs., Jul. 23	Fri., Jul. 31
July	Tues., Aug. 25	Tues., Sept. 1
August	Wed., Sept. 23	Thurs., Oct. 1
September	Fri., Oct. 23	Mon., Nov. 2
October	Tues., Nov. 24	Thurs., Dec. 3
November	Tues., Dec. 22	Thurs., Dec. 31
December	Tues., Jan. 26, 1988	Wed., Feb. 3, 1988

M 3-1(86)-12

CURRENT INDUSTRIAL REPORTS

Manufacturers' Shipments, Inventories, and Orders

December 1986

U.S. Department of Commerce
BUREAU OF THE CENSUS

M3-1(86)-12

For Wire Transmission 10:00 a.m. E. S. T. Tuesday, February 3, 1987

(All Figures in text are in seasonally adjusted current dollars)

NEWARK PUBLIC LIBRARY
FEB 26 1987

NOTICE - Impending changes in the M3 survey, effective with the February 1987 advance report on durable goods, are outlined on page 8.

SUMMARY. New orders for manufactured goods in December increased $2.5 billion or 1.2 percent to $201.9 billion, following a 3.6 percent increase in November. Both months were strongly influenced by wide swings in orders for defense capital goods. Excluding defense, orders in December increased 4.4 percent and in November 0.9 percent.

Shipments of manufactured goods in December increased $6.4 billion or 3.2 percent to $203.6 billion. Increases were widespread in both durable and nondurable goods industries, the largest occurring in motor vehicles and parts.

Unfilled orders in December decreased $1.7 billion or 0.5 percent to $365.4 billion. A large decline in the defense orders backlog more than offset increases in other industries. Excluding defense, unfilled orders increased 1.4 percent.

Manufacturers' inventories in December decreased $0.6 billion or 0.2 percent to $275.8 billion. Inventories have shown a slow downward trend since the March 1985 level of $286.2 billion. The inventory to shipments ratio in December was 1.35 down from 1.40 in November.

New orders for all of 1986 totaled $2350.4 billion, unchanged from 1985. Shipments for 1986 were $2348.8 billion, up 0.3 percent from 1985. Unfilled orders at $365.4 billion were 0.4 percent above the end of 1985. Inventories at $275.8 billion were 2.1 percent below the end of 1985.

NEW ORDERS. New orders in both the durable and nondurable goods sectors were up in December. Durables increased $1.0 billion or 0.9 percent to $109.8 billion. A decline of $5.9 billion in defense orders nearly offset several other large increases. New orders for primary metals increased $1.2 billion or 12.6 percent to $10.6 billion, following three months of declines. Electrical machinery increased $1.7 billion or 10.3 percent to $18.5 billion, following declines in October and November.

Transportation equipment showed a slight decline in December, down $0.1 billion or 0.2 percent to $30.2 billion; a large decline in defense aircraft and parts more than offset large increases in nondefense aircraft and parts and motor vehicles and parts. Nonelectrical machinery declined $1.4 billion or 8.5 percent to $15.5 billion, following a 11.3 percent increase in November.

New orders for nondurable goods in December increased $1.4 billion or 1.6 percent to $92.1 billion; the largest increases were in paper, printing and publishing and tobacco.

SHIPMENTS. Shipments in the durable goods sector increased $5.0 billion or 4.7 percent to $111.6 billion. Nearly all the increase was in the transportation equipment industry, up $4.5 billion or 16.3 percent to $32.1 billion; motor vehicles and parts increased $3.4 billion or 19.8 percent and aircraft and parts $1.1 billion or 12.4 percent.

Shipments of nondurable goods increased $1.4 billion or 1.6 percent to $92.0 billion; the largest increases were in paper, publishing and printing, and tobacco.

UNFILLED ORDERS. Virtually all unfilled orders are held by durable goods manufacturers. In December the durable goods orders backlog declined $1.8 billion or 0.5 percent to $354.0 billion. Decreases in transportation equipment and nonelectrical machinery more than offset a large increase in primary metals. Transportation was down $1.9 billion or 1.2 percent to $159.8 billion, defense aircraft and parts and shipbuilding had large declines while nondefense aircraft and parts were up. Nonelectrical machinery declined $1.7 billion or 3.1 percent to $53.3 billion with the decreases concentrated in the engines and turbines and office and computing equipment categories.

INVENTORIES. Inventories of durable goods manufacturers in December were down $1.7 billion or 0.9 percent to $183.8 billion, while nondurable goods manufacturers' increased inventories $1.1 billion or 1.2 percent to $92.0 billion. By stage of fabrication, the decline in durable goods inventories was in both work in process and finished goods, while the increase in nondurable goods was reflected in all three stages of fabrication.

SCHEDULED RELEASE DATES. The advance report on durable goods for January is scheduled for release on February 24, 1987 at 8:30 a.m. and the full report on March 4, 1987 at 10:00 a.m.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Ruth Runyan or Kathleen Menth, (301) 763-2502 or (301) 763-2512.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. This press release is also available on the date of issue through the Census Bureau's online information service-CENDATA™. The online version of the report can be read from a terminal screen, printed on- or off-line, or copied to a computer file for future use. CENDATA is available from Dialog Information Services, Inc. (800/334-2564). Further information about accessing CENDATA can be obtained from Dialog. The CENDATA Staff at the Bureau of the Census (301/763-2074) can provide content information and general guidance, or write for a brochure to CENDATA, DUSD, Bureau of the Census, Washington, DC 20233.

C 3.158:

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]					
		Monthly				Percent change			Monthly				Year to date	
		Dec. 1986P	Nov. 1986r	Oct. 1986	Sept. 1986	Nov.-Dec.P	Oct.-Nov.r	Sept.-Oct.	Dec. 1986P	Nov. 1986r	Oct. 1986	Sept. 1986	1986P	1985
	All manufacturing industries	203,605	197,222	196,202	196,281	+3.2	+0.5	0.0	195,949	194,462	201,296	207,008	2,347,621	2,341,220
	Manufacturing industries with unfilled orders	113,464	110,697	110,360	109,570	+2.5	+0.3	+0.7	111,541	109,701	113,145	115,565	1,302,437	1,272,229
	Durable goods industries	111,631	106,669	107,443	106,027	+4.7	-0.7	+1.3	106,753	104,768	110,545	111,768	1,268,935	1,243,793
	With unfilled orders	89,580	87,680	87,215	86,218	+2.2	+0.5	+1.2	88,337	86,547	89,049	91,180	1,031,738	1,019,749
32	Stone, clay, and glass products	4,744	4,968	4,978	4,941	-4.5	-0.2	+0.7	4,134	4,872	5,277	5,396	59,024	57,255
322	Glass containers	451	450	450	415	+0.2	0.0	+8.4	383	416	459	430	5,173	4,806
33	Primary metals	9,510	9,500	9,770	9,644	+0.1	-2.8	+1.3	8,504	8,984	9,772	9,734	117,024	125,777
331	Blast furnaces, steel mills	3,770	3,678	3,890	3,833	+2.5	-5.4	+1.5	3,438	3,476	3,828	3,756	47,381	52,519
333-9	Nonferrous and other primary metals	4,576	4,608	4,673	4,683	-0.7	-1.4	-0.2	4,109	4,341	4,706	4,856	55,434	58,589
34	Fabricated metal products	14,157	14,036	14,397	14,266	+0.9	-2.5	+0.9	13,136	13,697	15,037	15,046	170,104	168,953
341	Metal cans, barrels, and drums	911	902	904	837	+1.0	-0.2	+8.0	756	766	859	947	10,973	11,318
35	Machinery, except electrical	17,207	16,800	16,750	16,597	+2.4	+0.3	+0.9	18,622	16,494	16,619	17,639	204,719	212,620
351	Engines and turbines	1,645	1,277	1,264	1,249	+28.8	+1.0	+1.2	1,666	1,173	1,176	1,313	15,130	15,087
352	Farm machinery and equipment	712	708	647	730	+0.6	+9.4	-11.4	626	622	736	754	9,469	10,391
353	Construction, mining, and material handling equipment	2,457	2,592	2,434	2,319	-5.2	+6.5	+5.0	2,469	2,579	2,478	2,472	32,915	33,602
354	Metalworking machinery	870	950	961	918	-8.4	-1.1	+4.7	888	907	1,031	1,003	10,505	10,494
356	General industrial machinery	1,195	1,446	1,510	1,463	-17.4	-4.2	+3.2	1,250	1,394	1,575	1,491	17,369	16,945
357	Office and computing machines	4,563	4,003	4,001	4,256	+14.0	0.0	-6.0	6,325	4,291	3,753	4,775	49,214	55,517
36	Electrical machinery	17,926	17,607	16,909	17,258	+1.8	+4.1	-2.0	17,811	17,614	17,240	18,362	197,160	185,514
361,2	Electrical transmission and distribution equipment and industrial apparatus	2,223	2,137	2,135	2,129	+4.0	+0.1	+0.3	2,277	2,071	2,068	2,298	25,475	24,923
363	Household appliances	1,564	1,635	1,667	1,598	-4.3	-1.9	+4.3	1,361	1,493	1,712	1,750	18,013	17,117
365	Radio and TV	1,195	1,196	1,213	1,203	-0.1	-1.4	+0.8	1,142	1,234	1,363	1,421	13,190	11,166
366	Communication equipment	6,178	6,084	5,467	5,973	+1.5	+11.3	-8.5	6,530	6,057	5,434	6,076	66,003	62,474
367	Electronic components	3,331	3,383	3,299	3,280	-1.5	+2.5	+0.6	3,121	3,390	3,279	3,487	39,490	38,865
37	Transportation equipment	32,117	27,607	28,334	27,082	+16.3	-2.6	+4.6	29,478	27,231	29,316	28,114	329,694	313,427
371	Motor vehicles and parts	20,626	17,216	17,720	17,777	+19.8	-2.8	-0.3	16,785	16,841	18,919	18,404	211,698	203,371
372,6	Aircraft, missiles, and parts	9,755	8,680	8,878	7,720	+12.4	-2.2	+15.0	10,976	8,828	8,740	8,202	98,945	90,601
3731,95	Shipbuilding and military tank vehicles	759	732	684	668	+3.7	+7.0	+5.6	855	727	681	656	8,495	9,818
38	Instruments and related products	4,723	4,725	4,823	4,568	0.0	-2.0	+5.6	4,871	4,747	4,959	4,942	56,341	56,743
381-4	Scientific and engineering instruments	3,009	3,042	3,094	2,919	-1.1	-1.7	+6.0	3,169	2,954	3,094	3,147	36,685	37,310
386	Photographic goods	1,523	1,504	1,555	1,492	+1.3	-3.3	+4.2	1,549	1,618	1,675	1,622	17,558	17,186
24,25, 39	All other durable goods	11,247	11,426	11,482	11,671	-1.6	-0.5	-1.6	10,197	11,129	12,325	12,535	134,869	123,504
	Nondurable goods industries	91,974	90,553	88,759	90,254	+1.6	+2.0	-1.7	89,196	89,694	90,751	95,240	1,078,686	1,097,427
	With unfilled orders	23,884	23,017	23,145	23,352	+3.8	-0.6	-0.9	23,204	23,154	24,096	24,385	270,699	252,480
20	Food and kindred products	26,571	26,703	26,469	26,552	-0.5	+0.9	-0.3	26,386	26,506	27,172	28,307	310,977	296,142
201	Meat products	5,819	6,181	6,164	6,127	-5.9	+0.3	+0.6	5,930	6,138	6,398	6,262	69,486	67,646
208	Beverages	4,052	3,856	3,931	3,997	+5.1	-1.9	-1.7	3,525	3,617	3,982	4,025	47,622	45,246
207	Fats and oils	1,097	1,110	1,092	1,073	-1.2	+1.6	+1.8	1,106	1,150	1,090	1,088	12,803	13,673
203-6,9	All other foods	12,106	12,084	11,900	12,095	+0.2	+1.5	-1.6	12,457	12,132	12,340	13,571	141,253	130,891
21	Tobacco products	2,403	2,038	1,486	1,815	+17.9	+37.1	-18.1	2,581	2,052	1,508	2,013	21,953	20,606
22	Textile mill products	4,693	4,692	4,793	4,693	0.0	-2.1	+2.1	4,389	4,565	5,002	5,067	54,479	52,627
26	Paper and allied products	9,826	9,489	9,397	9,515	+3.6	+1.0	-1.2	9,197	9,138	9,479	9,704	109,378	97,565
261-3,6	Pulp, paper etc.	4,355	3,998	4,086	4,077	+8.9	-2.2	+0.2	4,093	3,945	4,050	4,115	46,553	41,811
265	Paperboard containers	1,961	1,837	1,790	1,855	+6.8	+2.6	-3.5	1,763	1,786	1,896	1,914	21,935	21,407
264	All other paper products	3,510	3,654	3,521	3,583	-3.9	+3.8	-1.7	3,341	3,407	3,533	3,675	40,890	34,347
28	Chemicals and allied products	18,070	17,854	17,903	17,949	+1.2	-0.3	-0.3	17,587	16,842	17,161	18,767	214,045	214,345
281,6	Industrial chemicals, except pigments	5,917	6,050	5,952	5,958	-2.2	+1.6	-0.1	5,775	5,778	5,684	5,982	70,400	71,638
283,4	Drugs, soaps, and toiletries	5,239	5,152	5,239	5,249	+1.7	-1.7	-0.2	5,370	4,961	5,155	6,162	61,753	56,061
29	Petroleum and coal products	10,963	10,986	10,203	10,718	-0.2	+7.7	-4.8	11,099	10,997	10,306	11,006	143,026	194,030
30	Rubber and plastics products	4,053	4,087	3,995	3,984	-0.8	+2.3	+0.3	3,606	3,975	4,257	4,250	47,694	48,246
23,27, 31	All other nondurable goods	15,395	14,704	14,513	15,028	+4.7	+1.3	-3.4	14,351	15,619	15,866	16,126	177,134	173,866
	Market categories:													
	Home goods and apparel	14,127	13,865	13,461	14,107	+1.9	+3.0	-4.6	11,943	14,194	14,952	15,891	163,633	158,796
	Consumer staples	38,476	37,989	37,419	38,088	+1.3	+1.5	-1.8	38,709	38,053	38,379	40,939	444,533	416,523
	Equipment and defense products, except automotive	32,013	30,870	30,486	29,735	+3.7	+1.3	+2.5	35,352	30,680	30,333	31,613	364,609	364,113
	Automotive equipment	22,641	19,266	19,861	19,696	+17.5	-3.0	+0.8	18,435	18,626	21,084	20,331	234,289	226,162
	Construction materials, supplies and intermediate products	17,745	18,228	18,623	18,346	-2.6	-2.1	+1.5	16,330	17,679	19,501	19,669	217,558	206,604
	Other materials, supplies, and intermediate products	78,603	77,004	76,352	76,309	+2.1	+0.9	+0.1	75,180	75,230	77,047	78,565	922,999	969,022
	Supplementary series:[2]													
	Capital goods industries	38,240	36,320	35,730	34,768	+5.3	+1.7	+2.8	41,693	36,413	35,551	36,860	421,036	411,391
	Nondefense	29,068	27,628	27,722	27,081	+5.2	-0.3	+2.4	31,791	27,674	27,506	28,805	327,133	326,703
	Defense	9,172	8,692	8,008	7,687	+5.5	+8.5	+4.2	9,902	8,739	8,045	8,055	93,903	84,688
	Household durable goods industries	7,157	7,209	7,133	7,489	-0.7	+1.1	-4.8	6,414	7,203	7,854	8,523	84,131	78,046

See footnotes at end of table 2.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]					
		Monthly				Percent change			Monthly				Year to date	
		Dec. 1986P	Nov. 1986r	Oct. 1986	Sept. 1986	Nov.–Dec.P	Oct.–Nov.r	Sept.–Oct.	Dec. 1986P	Nov. 1986r	Oct. 1986	Sept. 1986	1986P	1985
	All manufacturing industries	201,913	199,454	192,502	199,399	+1.2	+3.6	-3.5	198,481	194,988	199,388	208,321	2,349,320	2,349,640
	Manufacturing industries with unfilled orders	111,772	112,929	106,660	112,688	-1.0	+5.9	-5.3	114,073	110,227	111,237	116,878	1,304,136	1,280,848
	Durable goods industries	109,838	108,826	103,569	108,723	+0.9	+5.1	-4.7	109,153	105,407	108,623	112,745	1,269,999	1,251,657
	With unfilled orders	87,787	89,837	83,341	88,914	-2.3	+7.8	-6.3	90,737	87,186	87,127	92,157	1,032,802	1,027,613
32	Stone, clay, and glass products	4,680	4,960	4,958	4,960	-5.6	0.0	0.0	4,049	4,844	5,200	5,359	58,863	57,491
33	Primary metals	10,628	9,441	9,713	9,842	+12.6	-2.8	-1.3	9,883	9,011	9,516	9,588	117,705	126,403
331	Blast furnaces, steel mills	4,451	3,738	3,677	4,212	+19.1	+1.7	-12.7	4,314	3,599	3,561	3,903	48,259	53,023
333-9	Nonferrous and other primary metals	4,999	4,669	4,651	4,504	+7.1	+0.4	+3.3	4,567	4,399	4,499	4,589	54,837	58,219
34	Fabricated metal products	14,471	14,300	14,217	14,051	+1.2	+0.6	+1.2	13,501	13,687	14,524	14,759	169,070	167,729
35	Machinery, except electrical	15,506	16,951	15,231	16,523	-8.5	+11.3	-7.8	16,924	16,596	15,819	17,091	198,657	210,701
351	Engines and turbines	640	1,193	727	1,541	-46.4	+64.1	-52.8	500	970	1,128	1,510	13,401	14,952
353	Construction, mining, and material handling equipment	2,589	2,680	2,375	2,170	-3.4	+12.8	+9.4	2,585	2,680	2,415	2,320	31,526	34,027
354	Metalworking machinery	715	881	796	980	-18.8	+10.7	-18.8	671	834	882	967	9,927	10,729
356	General industrial machinery	1,235	1,476	1,473	1,416	-16.3	+0.2	+4.0	1,243	1,416	1,567	1,386	17,247	16,527
357	Office and computing machines	3,848	4,159	3,537	3,868	-7.5	+17.6	-8.6	5,902	4,479	3,338	4,267	47,406	54,137
36	Electrical machinery	18,469	16,739	17,083	17,672	+10.3	-2.0	-3.3	18,845	16,050	17,301	18,612	199,234	189,040
361,2	Electrical transmission and distribution equipment and industrial apparatus	2,134	2,017	2,198	2,228	+5.8	-8.2	-1.3	2,168	1,937	2,129	2,363	25,084	24,482
363	Household appliances	1,511	1,607	1,667	1,653	-6.0	-3.6	+0.8	1,326	1,460	1,652	1,778	17,935	17,111
365	Radio and TV	1,043	1,205	1,410	1,280	-13.4	-14.5	+10.2	1,062	1,185	1,351	1,496	13,118	11,169
366	Communication equipment	6,048	5,540	5,709	6,341	+9.2	-3.0	-10.0	6,968	5,122	5,801	6,706	69,188	69,438
367	Electronic components	4,371	3,164	3,006	3,059	+38.1	+5.3	-1.7	4,042	2,967	3,020	2,944	38,788	35,939
37	Transportation equipment	30,176	30,247	26,115	28,964	-0.2	+15.8	-9.8	31,254	29,625	29,317	29,772	335,392	320,041
372,6	Aircraft, missiles, and parts	8,574	12,518	6,783	9,530	-31.5	+84.5	-28.8	13,197	11,742	8,724	9,872	105,621	101,598
3731,95	Shipbuilding and military tank vehicles	301	-348	317	774	(n)	-209.8	-59.0	487	362	347	739	7,939	6,549
38	Instruments and related products	4,597	4,601	4,843	4,843	-0.1	-5.0	0.0	4,729	4,573	4,901	5,159	55,987	57,033
24,25, 39	All other durable goods	11,311	11,587	11,409	11,868	-2.4	+1.6	-3.9	9,968	11,021	12,045	12,405	135,091	123,219
	Nondurable goods industries	92,075	90,628	88,933	90,676	+1.6	+1.9	-1.9	89,328	89,581	90,765	95,576	1,079,321	1,097,983
	With unfilled orders	23,985	23,092	23,319	23,774	+3.9	-1.0	-1.9	23,336	23,041	24,110	24,721	271,334	253,035
	Market categories:													
	Home goods and apparel	13,815	13,915	13,624	14,332	-0.7	+2.1	-4.9	11,577	13,953	14,648	15,798	163,709	158,586
	Consumer staples	38,518	38,033	37,420	38,044	+1.3	+1.6	-1.6	38,750	38,061	38,363	40,924	444,552	416,623
	Equipment and defense products, except automotive	30,308	32,480	26,930	30,473	-6.7	+20.6	-11.6	36,648	32,007	29,552	32,106	365,946	372,472
	Automotive equipment	22,399	19,209	20,091	19,681	+16.6	-4.4	+2.1	18,434	18,521	21,428	20,285	234,076	225,227
	Construction materials, supplies and intermediate products	17,832	18,189	18,476	18,250	-2.0	-1.6	+1.2	16,237	17,545	19,148	19,478	216,831	206,385
	Other materials, supplies, and intermediate products	79,041	77,628	75,961	78,619	+1.8	+2.2	-3.4	76,835	74,901	76,249	79,730	924,206	970,347
	Supplementary series:[2]													
	Capital goods industries	34,586	38,798	31,913	37,060	-10.9	+21.6	-13.9	42,136	38,029	34,680	38,715	423,682	423,075
	Nondefense	30,116	28,442	26,912	28,222	+5.9	+5.7	-4.6	32,105	28,029	28,120	29,027	326,145	326,577
	Defense	4,470	10,356	5,001	8,838	-56.8	+107.1	-43.4	10,031	10,000	6,560	9,688	97,537	96,498
	Household durable goods industries	6,952	7,330	7,333	7,707	-5.2	0.0	-4.9	6,158	7,024	7,603	8,443	84,321	77,795

P Preliminary. r Revised. (n) When new orders for a prior month are negative because of cancellations, the percentage change calculation is algebraically negative, even though there is a net dollar increase from the prior month to the current month. Using absolute values the percent increase in new orders for shipbuilding and military tank vehicles in December was 186.0 percent.

[1] Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

[2] The supplementary series are regroupings of the separate industry categories: Household durable goods industries includes household furniture; kitchen articles and pottery; cutlery, hand tools, and hardware; household appliances, radio and TV, ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Nondefense capital goods include machinery, except electrical (excluding farm machinery and equipment and machine shops); electrical machinery (excluding household appliances, radio and TV, and electronic components); railroad equipment; and the nondefense portions of ordnance; communication equipment; aircraft and aircraft parts; and shipbuilding, converting and repairing.

Defense capital goods include ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding converting and repairing. The defense data are comparable to those published annually in the MA-175, Shipments to Federal Government Agencies.

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		Dec. 1986P	Nov. 1986r	Oct. 1986	Sept. 1986	Nov.-Dec.P	Oct.-Nov.r	Sept.-Oct.	Dec. 1986P	Nov. 1986r	Oct. 1986	Sept. 1986	Dec. 1985
	All manufacturing industries	365,437	367,129	364,897	368,597	-0.5	+0.6	-1.0	363,059	360,527	360,001	361,909	361,360
	Durable goods industries	353,989	355,782	353,625	357,499	-0.5	+0.6	-1.1	351,955	349,555	348,916	350,838	350,891
32	Stone, clay, and glass products	2,602	2,666	2,674	2,694	-2.4	-0.3	-0.7	2,472	2,557	2,585	2,662	2,633
33	Primary metals	20,430	19,312	19,371	19,428	+5.8	-0.3	-0.3	19,811	18,432	18,405	18,661	19,130
331	Blast furnaces, steel mills	10,097	9,416	9,356	9,569	+7.2	+0.6	-2.2	9,784	8,908	8,785	9,052	8,906
333-9	Nonferrous and other primary metals	6,439	6,016	5,955	5,977	+7.0	+1.0	-0.4	6,149	5,691	5,633	5,840	6,746
34	Fabricated metal products	19,358	19,044	18,780	18,960	+1.6	+1.4	-0.9	18,923	18,558	18,568	19,081	19,957
35	Machinery, except electrical	53,315	55,016	54,865	56,384	-3.1	+0.3	-2.7	52,991	54,689	54,587	55,387	59,053
351	Engines and turbines	13,192	14,197	14,281	14,818	-7.1	-0.6	-3.6	13,298	14,464	14,667	14,715	15,027
353	Construction, mining, and material handling equipment	4,993	4,861	4,773	4,832	+2.7	+1.8	-1.2	4,928	4,812	4,711	4,774	6,317
354	Metalworking machinery	3,320	3,475	3,544	3,709	-4.5	-1.9	-4.4	3,300	3,517	3,590	3,739	3,878
356	General industrial machinery	4,201	4,161	4,131	4,168	+1.0	+0.7	-0.9	4,121	4,128	4,106	4,114	4,243
357	Office and computing machines	17,220	17,935	17,779	18,243	-4.0	+0.9	-2.5	17,082	17,505	17,317	17,732	18,890
36	Electrical machinery	84,376	83,833	84,701	84,527	+0.6	-1.0	+0.2	83,515	82,481	84,045	83,984	81,441
361,2	Electrical transmission and distribution equipment and industrial apparatus	5,410	5,499	5,619	5,556	-1.6	-2.1	+1.1	5,350	5,459	5,593	5,532	5,741
363	Household appliances	322	375	403	403	-14.1	-6.9	0.0	279	314	347	407	357
365	Radio and TV	418	570	561	364	-26.7	+1.6	+54.1	366	446	495	507	438
366	Communication equipment	60,911	61,041	61,585	61,343	-0.2	-0.9	+0.4	60,718	60,280	61,215	60,848	57,533
367	Electronic components	15,740	14,700	14,919	15,212	+7.1	-1.5	-1.9	15,268	14,347	14,770	15,029	15,970
37	Transportation equipment	159,786	161,727	159,087	161,306	-1.2	+1.7	-1.4	160,873	159,097	156,703	156,702	155,175
372,6	Aircraft, missiles, and parts	137,439	138,620	134,782	136,877	-0.9	+2.8	-1.5	138,208	135,987	133,073	133,089	131,532
3731,95	Shipbuilding and military tank vehicles	16,864	17,322	18,403	18,770	-2.6	-5.9	-2.0	17,031	17,399	17,764	18,098	17,588
38	Instruments and related products	8,381	8,507	8,631	8,611	-1.5	-1.4	+0.2	8,250	8,392	8,566	8,624	8,604
24,25, 39	All other durable goods	5,741	5,677	5,516	5,589	+1.1	+2.9	-1.3	5,120	5,349	5,457	5,737	4,898
	Nondurable goods industries	11,448	11,347	11,272	11,098	+0.9	+0.7	+1.6	11,104	10,972	11,085	11,071	10,469
	Market categories:												
	Home goods and apparel	4,283	4,595	4,545	4,382	-6.8	+1.1	+3.7	3,694	4,060	4,301	4,605	3,618
	Consumer staples	770	728	684	683	+5.8	+6.4	+0.1	752	711	703	719	733
	Equipment and defense products, except automotive	229,489	231,194	229,584	233,140	-0.7	+0.7	-1.5	229,597	228,301	226,974	227,755	228,260
	Automotive equipment	5,170	5,412	5,469	5,239	-4.5	-1.0	+4.4	5,341	5,342	5,447	5,103	5,554
	Construction materials, supplies and intermediate products	11,664	11,577	11,616	11,763	+0.8	-0.3	-1.2	11,249	11,342	11,476	11,829	11,976
	Other materials, supplies, and intermediate products	114,061	113,623	112,999	113,390	+0.4	+0.6	-0.3	112,426	110,771	111,100	111,898	111,219
	Supplementary series:[2]												
	Capital goods industries	277,903	281,557	279,079	282,896	-1.3	+0.9	-1.3	278,186	277,743	276,127	276,998	275,540
	Nondefense	132,834	131,786	130,972	131,782	+0.8	+0.6	-0.6	131,714	131,400	131,045	130,431	132,702
	Defense	145,069	149,771	148,107	151,114	-3.1	+1.1	-2.0	146,472	146,343	145,082	146,567	142,838
	Household durable goods industries	3,944	4,149	4,028	3,828	-4.9	+3.0	+5.2	3,370	3,626	3,805	4,056	3,180

See footnotes at end of table 2.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		Dec. 1986P	Nov. 1986r	Oct. 1986	Sept. 1986	Nov.-Dec.P	Oct.-Nov.r	Sept.-Oct.	Dec. 1986P	Nov. 1986r	Oct. 1986	Sept. 1986	Se.. 1985
	All manufacturing industries..	275,846	276,416	276,007	276,574	-0.2	+0.1	-0.2	271,904	275,187	275,619	275,097	277,885
	Manufacturing industries with unfilled orders.....	192,113	193,402	193,858	194,469	-0.7	-0.2	-0.3	188,656	191,827	193,175	193,677	193,407
	Durable goods industries.....	183,822	185,496	185,358	186,102	-0.9	+0.1	-0.4	180,707	183,994	184,747	185,275	186,014
	With unfilled orders.....	168,198	169,764	170,325	170,885	-0.9	-0.3	-0.3	165,376	168,640	170,028	170,364	170,489
32	Stone, clay, and glass products...	5,553	5,581	5,480	5,529	-0.5	+1.8	-0.9	5,461	5,400	5,306	5,385	5,574
322	Glass containers.....	692	672	652	644	+3.0	+3.1	+1.2	671	665	645	629	630
33	Primary metals.....	15,673	15,510	15,514	15,855	+1.1	0.0	-2.2	15,441	15,477	15,465	15,790	17,591
331	Blast furnaces, steel mills.....	6,356	6,349	6,272	6,515	+0.1	+1.2	-3.7	6,381	6,444	6,341	6,561	7,861
333-9	Nonferrous and other primary metals.....	8,139	8,021	8,079	8,140	+1.5	-0.7	-0.7	7,911	7,909	7,974	8,042	8,490
34	Fabricated metal products.....	18,662	18,616	18,533	18,734	+0.2	+0.4	-1.1	18,190	18,034	18,181	18,375	18,915
341	Metal cans, barrels, and drums..	2,369	2,500	2,393	2,460	-5.2	+4.5	-2.7	2,149	2,115	2,027	2,108	2,043
35	Machinery, except electrical.....	36,116	36,697	36,690	36,784	-1.6	0.0	-0.3	35,606	36,518	36,595	36,618	38,890
351	Engines and turbines.....	1,861	1,964	1,945	1,963	-5.2	+1.0	-0.9	1,861	1,964	1,950	1,925	1,807
352	Farm machinery and equipment....	1,779	1,717	1,704	1,610	+3.6	+0.8	+5.8	1,726	1,641	1,622	1,623	1,870
353	Construction, mining, and material handling equipment....	5,756	5,746	5,846	5,904	+0.2	-1.7	-1.0	5,684	5,717	5,805	5,839	6,282
354	Metalworking machinery.....	2,774	2,784	2,745	2,753	-0.4	+1.4	-0.3	2,730	2,792	2,756	2,736	2,708
356	General industrial machinery....	3,114	3,195	3,202	3,181	-2.5	-0.2	+0.7	3,092	3,166	3,160	3,149	3,311
357	Office and computing machines...	9,832	10,195	10,300	10,294	-3.6	-1.0	+0.1	9,694	10,164	10,393	10,358	11,953
36	Electrical machinery.....	33,837	34,173	34,361	34,529	-1.0	-0.5	-0.5	33,225	33,851	34,274	34,378	32,876
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	3,979	4,104	4,075	4,137	-3.0	+0.7	-1.5	3,922	4,108	4,118	4,118	4,162
363	Household appliances.....	2,383	2,395	2,397	2,401	-0.5	-0.1	-0.2	2,257	2,232	2,282	2,262	2,172
365	Radio and TV.....	1,628	1,600	1,621	1,585	+1.8	-1.3	+2.3	1,579	1,584	1,602	1,645	1,278
366	Communication equipment.....	14,996	15,061	15,084	15,248	-0.4	-0.2	-1.1	14,791	15,005	15,142	15,210	14,558
367	Electronic components.....	5,957	5,935	6,041	6,021	+0.4	-1.8	+0.3	5,963	5,905	6,023	5,985	5,919
37	Transportation equipment.....	49,422	50,645	50,702	50,804	-2.4	-0.1	-0.2	48,725	50,777	51,004	50,832	48,396
371	Motor vehicles and parts.....	11,006	11,008	10,645	10,642	0.0	+3.4	0.0	10,898	11,118	10,877	10,784	11,365
372,6	Aircraft, missiles, and parts...	35,237	36,249	36,657	36,662	-2.8	-1.1	0.0	34,544	36,212	36,725	36,578	33,844
3731,95	Shipbuilding and military tank vehicles.....	1,684	1,825	1,781	1,746	-7.7	+2.5	+2.0	1,692	1,818	1,791	1,754	1,448
38	Instruments and related products..	9,534	9,702	9,704	9,608	-1.7	0.0	+1.0	9,317	9,609	9,620	9,600	9,376
381-4	Scientific and engineering instruments.....	6,748	6,877	6,843	6,784	-1.9	+0.5	+0.9	6,620	6,843	6,781	6,750	6,720
386	Photographic goods.....	2,179	2,204	2,239	2,195	-1.1	-1.6	+2.0	2,092	2,169	2,237	2,224	2,064
24,25, 39	All other durable goods.....	15,025	14,572	14,374	14,259	+3.1	+1.4	+0.8	14,742	14,328	14,302	14,297	14,396
	Nondurable goods industries.....	92,024	90,920	90,649	90,472	+1.2	+0.3	+0.2	91,197	91,193	90,872	89,822	91,871
	With unfilled orders.....	23,915	23,638	23,533	23,584	+1.2	+0.4	-0.2	23,280	23,187	23,147	23,313	22,918
20	Food and kindred products.....	21,221	21,122	21,205	21,054	+0.5	-0.4	+0.7	21,653	22,333	22,314	21,332	21,524
201	Meat products.....	2,197	2,220	2,254	2,318	-1.0	-1.5	-2.8	2,111	2,280	2,227	2,170	2,248
208	Beverages.....	3,408	3,433	3,385	3,469	-0.7	+1.4	-2.4	3,408	3,361	3,344	3,382	3,382
207	Fats and oils.....	973	957	1,060	1,047	+1.7	-9.7	+1.2	1,132	1,163	1,083	822	1,152
203-6,9	All other foods.....	12,750	12,621	12,667	12,423	+1.0	-0.4	+2.0	13,183	13,706	13,832	13,181	13,052
21	Tobacco products.....	3,108	3,053	3,034	2,974	+1.8	+0.6	+2.0	3,270	3,105	3,083	2,956	3,440
22	Textile mill products.....	6,300	6,252	6,310	6,397	+0.8	-0.9	-1.4	6,149	6,098	6,100	6,276	6,586
26	Paper and allied products.....	10,221	10,040	9,962	10,065	+1.8	+0.8	-1.0	10,088	10,010	9,841	9,842	9,600
261-3,6	Pulp, paper etc.....	4,061	3,993	3,917	3,906	+1.7	+1.9	+0.3	4,050	3,993	3,897	3,832	3,790
265	Paperboard containers.....	2,469	2,375	2,392	2,411	+4.0	-0.7	-0.8	2,449	2,354	2,347	2,372	2,344
264	All other paper products.....	3,691	3,672	3,653	3,748	+0.5	+0.5	-2.5	3,589	3,663	3,597	3,638	3,466
28	Chemicals and allied products.....	23,058	22,398	22,297	22,141	+2.9	+0.5	+0.7	22,916	22,346	22,063	21,675	21,293
281,6	Industrial chemicals, except pigments.....	7,153	6,778	6,727	6,658	+5.5	+0.8	+1.0	7,053	6,738	6,680	6,558	6,344
283,4	Drugs, soaps, and toiletries....	7,470	7,351	7,368	7,223	+1.6	-0.2	+2.0	7,321	7,366	7,280	7,100	6,715
29	Petroleum and coal products.....	5,444	5,493	5,512	5,478	-0.9	-0.3	+0.6	5,338	5,721	5,652	5,567	7,766
30	Rubber and plastics products.....	6,368	6,281	6,150	6,285	+1.4	+2.1	-2.1	6,262	6,107	6,028	6,128	6,205
23,27, 31	All other nondurable goods.....	16,304	16,281	16,179	16,078	+0.1	+0.6	+0.6	15,521	15,473	15,791	16,046	15,457
	Market categories:												
	Home goods and apparel.....	22,639	22,524	22,359	22,228	+0.5	+0.7	+0.6	21,792	21,491	21,749	22,041	21,223
	Consumer staples.....	34,568	34,386	34,317	33,946	+0.5	+0.2	+1.1	34,723	35,296	35,300	34,340	33,999
	Equipment and defense products, except automotive.....	80,543	82,464	82,723	83,062	-2.3	-0.3	-0.4	79,536	82,091	82,668	82,478	82,777
	Automotive equipment.....	13,041	13,114	12,762	12,937	-0.6	+2.8	-1.4	13,002	13,222	12,918	12,992	13,755
	Construction materials, supplies and intermediate products.....	18,791	18,482	18,178	18,278	+1.7	+1.7	-0.5	18,490	18,125	18,005	18,104	18,941
	Other materials, supplies, and intermediate products.....	106,264	105,446	105,668	106,123	+0.8	-0.2	-0.4	104,361	104,962	104,979	105,142	107,190
	Supplementary series:[2]												
	Capital goods industries.....	94,351	96,585	97,135	97,465	-2.3	-0.6	-0.3	92,700	96,275	97,203	97,095	95,041
	Nondefense.....	66,174	67,560	67,914	68,429	-2.1	-0.5	-0.8	64,993	67,724	68,266	68,237	69,212
	Defense.....	28,177	29,025	29,221	29,036	-2.9	-0.7	+0.6	27,707	28,551	28,937	28,858	25,829
	Household durable goods industries.....	11,868	11,695	11,591	11,446	+1.5	+0.9	+1.3	11,502	11,272	11,353	11,376	10,633

See footnotes at end of table 2.

Table 5. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted: End of month				Seasonally adjusted: Percent change			Not seasonally adjusted[1]: End of month				
		Dec. 1986P	Nov. 1986r	Oct. 1986	Sept. 1986	Nov.-Dec.P	Oct.-Nov.r	Sept.-Oct.	Dec. 1986P	Nov. 1986r	Oct. 1986	Sept. 1986	Dec. 1985
	MATERIALS AND SUPPLIES												
	All manufacturing industries..	86,695	85,904	86,141	86,419	+0.9	-0.3	-0.3	86,920	85,528	85,656	85,694	89,245
	Durable goods industries.....	50,973	50,606	50,561	51,052	+0.7	+0.1	-1.0	50,848	50,541	50,615	51,051	53,418
32	Stone, clay, and glass products...	1,669	1,694	1,710	1,697	-1.5	-0.9	+0.8	1,681	1,679	1,706	1,700	1,767
33	Primary metals.....	4,545	4,537	4,557	4,564	+0.2	-0.4	-0.2	4,678	4,655	4,631	4,584	5,264
34	Fabricated metal products.....	6,790	6,802	6,744	6,880	-0.2	+0.9	-2.0	6,738	6,638	6,652	6,828	7,350
35	Machinery, except electrical.....	10,322	10,346	10,345	10,524	-0.2	0.0	-1.7	10,259	10,318	10,311	10,421	10,972
36	Electrical Machinery.....	7,679	7,700	7,697	7,871	-0.3	0.0	-2.2	7,610	7,573	7,636	7,873	7,902
37	Transportation equipment.....	11,744	11,591	11,536	11,625	+1.3	+0.5	-0.8	11,613	11,621	11,522	11,607	11,929
38	Instruments and related products..	2,599	2,646	2,627	2,625	-1.8	+0.7	+0.1	2,582	2,630	2,635	2,636	2,628
24,25, 39	All other durable goods.....	5,625	5,290	5,345	5,266	+6.3	-1.0	+1.5	5,687	5,427	5,522	5,382	5,606
	Nondurable goods industries.....	35,722	35,298	35,580	35,367	+1.2	-0.8	+0.6	36,072	34,987	35,041	34,643	35,827
20	Food and kindred products.....	7,967	7,870	7,986	7,845	+1.2	-1.5	+1.8	8,221	8,134	8,019	7,401	7,656
21	Tobacco products.....	2,575	2,426	2,408	2,419	+6.1	+0.7	-0.5	2,781	2,357	2,281	2,330	2,969
22	Textile mill products.....	1,918	1,858	1,918	1,885	+3.2	-3.1	+1.8	1,892	1,793	1,805	1,832	2,050
26	Paper and allied products.....	5,015	4,984	4,921	4,976	+0.6	+1.3	-1.1	5,067	4,961	4,902	4,936	4,730
28	Chemicals and allied products.....	8,432	8,354	8,519	8,348	+0.9	-1.9	+2.0	8,402	8,190	8,349	8,319	7,935
29	Petroleum and coal products.....	1,660	1,621	1,652	1,623	+2.4	-1.9	+1.8	1,590	1,607	1,646	1,583	2,107
30	Rubber and plastics products.....	2,239	2,229	2,215	2,265	+0.4	+0.6	-2.2	2,315	2,196	2,210	2,230	2,322
23,27, 31	All other nondurable goods.....	5,916	5,956	5,961	6,006	-0.7	-0.1	-0.7	5,804	5,749	5,829	6,012	6,058
	WORK IN PROCESS												
	All manufacturing industries..	102,582	103,772	104,412	104,635	-1.1	-0.6	-0.2	100,345	103,455	104,803	104,602	102,202
	Durable goods industries.....	88,401	89,778	90,507	90,898	-1.5	-0.8	-0.4	86,599	89,442	90,769	90,768	88,084
32	Stone, clay, and glass products...	752	755	713	746	-0.4	+5.9	-4.4	725	714	681	726	762
33	Primary metals.....	6,786	6,630	6,593	6,746	+2.4	+0.6	-2.3	6,548	6,562	6,561	6,755	7,077
34	Fabricated metal products.....	6,878	6,920	6,826	6,942	-0.6	+1.4	-1.7	6,536	6,664	6,753	6,856	6,753
35	Machinery, except electrical.....	14,199	14,496	14,639	14,833	-2.0	-1.0	-1.3	13,997	14,543	14,768	14,778	15,777
36	Electrical Machinery.....	19,992	20,254	20,456	20,353	-1.3	-1.0	+0.5	19,634	20,205	20,498	20,275	19,003
37	Transportation equipment.....	32,565	33,404	33,963	34,022	-2.5	-1.6	-0.2	32,071	33,491	34,260	34,138	31,467
38	Instruments and related products..	3,905	4,022	4,045	4,032	-2.9	-0.6	+0.3	3,809	3,999	4,013	4,003	3,989
24,25, 39	All other durable goods.....	3,324	3,297	3,272	3,224	+0.8	+0.8	+1.5	3,279	3,264	3,235	3,237	3,256
	Nondurable goods industries.....	14,181	13,994	13,905	13,737	+1.3	+0.6	+1.2	13,746	14,013	14,034	13,834	14,118
20	Food and kindred products.....	1,553	1,645	1,670	1,664	-5.6	-1.5	+0.4	1,602	1,661	1,652	1,625	1,619
21	Tobacco products.....	327	304	297	259	+7.6	+2.4	+14.7	304	421	476	350	246
22	Textile mill products.....	1,886	1,925	1,892	1,902	-2.0	+1.7	-0.5	1,868	1,910	1,884	1,904	1,978
26	Paper and allied products.....	1,218	1,209	1,186	1,157	+0.7	+1.9	+2.5	1,163	1,201	1,188	1,175	1,130
28	Chemicals and allied products.....	3,428	3,445	3,479	3,483	-0.5	-1.0	-0.1	3,323	3,446	3,476	3,475	3,431
29	Petroleum and coal products.....	737	746	769	733	-1.2	-3.0	+4.9	697	744	751	737	1,338
30	Rubber and plastics products.....	1,331	1,264	1,194	1,233	+5.3	+5.9	-3.2	1,309	1,270	1,201	1,251	1,168
23,27, 31	All other nondurable goods.....	3,701	3,456	3,418	3,306	+7.1	+1.1	+3.4	3,486	3,360	3,406	3,317	3,228
	FINISHED GOODS												
	All manufacturing industries..	86,569	86,740	85,454	85,520	-0.2	+1.5	-0.1	84,639	86,204	85,160	84,801	86,438
	Durable goods industries.....	44,448	45,112	44,290	44,152	-1.5	+1.9	+0.3	43,260	44,011	43,363	43,456	44,512
32	Stone, clay, and glass products...	3,132	3,132	3,057	3,086	0.0	+2.5	-0.9	3,055	3,007	2,919	2,959	3,045
33	Primary metals.....	4,342	4,343	4,364	4,545	0.0	-0.5	-4.0	4,215	4,280	4,273	4,451	5,250
34	Fabricated metal products.....	4,994	4,894	4,963	4,912	+2.0	-1.4	+1.0	4,916	4,732	4,776	4,691	4,812
35	Machinery, except electrical.....	11,595	11,855	11,706	11,427	-2.2	+1.3	+2.4	11,350	11,657	11,516	11,419	12,141
36	Electrical Machinery.....	6,166	6,219	6,208	6,305	-0.9	+0.2	-1.5	5,981	6,073	6,140	6,230	5,971
37	Transportation equipment.....	5,113	5,650	5,203	5,157	-9.5	+8.6	+0.9	5,041	5,665	5,222	5,087	5,000
38	Instruments and related products..	3,030	3,034	3,032	2,951	-0.1	+0.1	+2.7	2,926	2,980	2,972	2,941	2,759
24,25, 39	All other durable goods.....	6,076	5,985	5,757	5,769	+1.5	+4.0	-0.2	5,776	5,637	5,545	5,678	5,534
	Nondurable goods industries.....	42,121	41,628	41,164	41,368	+1.2	+1.1	-0.5	41,379	42,193	41,797	41,345	41,926
20	Food and kindred products.....	11,701	11,607	11,549	11,545	+0.8	+0.5	0.0	11,830	12,538	12,643	12,306	12,249
21	Tobacco products.....	206	323	329	296	-36.2	-1.8	+11.1	185	327	326	276	225
22	Textile mill products.....	2,496	2,469	2,500	2,610	+1.1	-1.2	-4.2	2,389	2,395	2,411	2,560	2,558
26	Paper and allied products.....	3,988	3,847	3,855	3,932	+3.7	-0.2	-2.0	3,858	3,848	3,751	3,731	3,740
28	Chemicals and allied products.....	11,198	10,599	10,299	10,310	+5.7	+2.9	-0.1	11,191	10,710	10,238	9,881	9,927
29	Petroleum and coal products.....	3,047	3,126	3,091	3,122	-2.5	+1.1	-1.0	3,051	3,370	3,255	3,247	4,321
30	Rubber and plastics products.....	2,798	2,788	2,741	2,787	+0.4	+1.7	-1.7	2,644	2,641	2,617	2,647	2,735
23,27, 31	All other nondurable goods.....	6,687	6,869	6,800	6,766	-2.6	+1.0	+0.5	6,231	6,364	6,556	6,717	6,171

[P]Preliminary. [r]Revised.

Table 6. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP

(Based on seasonally adjusted data)

SIC Code	Industry	Inventory/shipments ratio				Unfilled orders/shipments ratio[1]			
		Dec. 1986P	Nov. 1986r	Oct. 1986	Sept. 1986	Dec. 1986P	Nov. 1986r	Oct. 1986	Sept. 1986
	All manufacturing industries	1.35	1.40	1.41	1.41	3.22	3.32	3.31	3.38
	Durable goods industries	1.65	1.74	1.73	1.76	3.95	4.06	4.05	4.15
32	Stone, clay, and glass products	1.17	1.12	1.10	1.12	0.61	0.59	0.59	0.60
33	Primary metals	1.65	1.63	1.59	1.64	2.15	2.03	1.98	2.01
34	Fabricated metal products	1.32	1.33	1.29	1.31	1.46	1.45	1.39	1.41
35	Machinery, except electrical	2.10	2.18	2.19	2.22	3.23	3.42	3.41	3.55
36	Electrical machinery	1.89	1.94	2.03	2.00	4.71	4.76	5.01	4.90
37	Transportation equipment	1.54	1.83	1.79	1.88	9.08	9.93	10.08	10.96
38	Instruments and related products	2.02	2.05	2.01	2.10	1.77	1.80	1.79	1.89
	Nondurable goods industries	1.00	1.00	1.02	1.00	0.48	0.49	0.49	0.48
20	Food and kindred products	0.80	0.79	0.80	0.79	(X)	(X)	(X)	(X)
21	Tobacco products	1.29	1.50	2.04	1.44	(X)	(X)	(X)	(X)
22	Textile mill products	1.34	1.33	1.32	1.36	(NA)	(NA)	(NA)	(NA)
26	Paper and allied products	1.04	1.06	1.06	1.06	(NA)	(NA)	(NA)	(NA)
28	Chemicals and allied products	1.28	1.25	1.25	1.23	(X)	(X)	(X)	(X)
29	Petroleum and coal products	0.50	0.50	0.54	0.51	(X)	(X)	(X)	(X)
30	Rubber and plastics products	1.57	1.54	1.54	1.58	(X)	(X)	(X)	(X)

Ppreliminary. rRevised. (X) Not applicable. (NA) Not available.

[1]Excludes the following industries with no unfilled orders: Wood and lumber products; glass containers; metal cans, barrels, and drums; farm machinery and equipment; motor vehicle assembly operations; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.

Table 7. AVERAGE REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES

(Based on seasonally adjusted data)

SIC Code	Industry	Shipments			New orders			Unfilled orders			Inventories		
		Year ago Dec. 1985	All Decs. 1981-1985	Dec. 1985-Nov. 1986	Year ago Dec. 1985	All Decs. 1981-1985	Dec. 1985-Nov. 1986	Year ago Dec. 1985	All Decs. 1981-1985	Dec. 1985-Nov. 1986	Year ago Dec. 1985	All Decs. 1981-1985	Dec. 1985-Oct. 1986
	All manufacturing industries	0.5	0.6	0.3	0.5	0.6	0.3	0.1	0.4	0.1	0.5	0.3	0.1
	Durable goods industries	0.8	0.8	0.4	0.7	1.3	0.6	0.1	0.4	0.1	0.2	0.3	0.1
32	Stone, clay, and glass products	0.7	0.7	0.9	0.1	1.3	1.0	1.5	2.1	0.9	0.3	0.5	0.3
33	Primary metals	2.5	1.3	0.7	3.3	2.6	0.7	0.4	0.6	0.3	0.2	0.5	0.2
34	Fabricated metal products	0.5	1.0	1.0	0.6	0.8	1.1	0.8	0.2	0.4	2.1	1.0	0.4
35	Machinery, except electrical	1.6	1.3	0.6	2.5	3.8	1.2	0.3	0.8	0.2	0.4	0.1	0.2
36	Electrical machinery	5.1	3.5	0.7	6.7	2.5	1.3	0.2	0.5	0.1	0.4	0.9	0.2
37	Transportation equipment	0.6	1.3	0.3	3.0	2.1	1.3	0.4	0.4	0.2	0.5	0.7	0.2
38	Instruments and related products	1.2	1.2	1.2	0.0	0.5	1.4	0.7	0.5	0.4	0.5	0.6	0.3
	Nondurable goods industries	0.2	0.4	0.3	0.2	0.4	0.4	0.4	0.6	0.5	1.0	0.5	0.2
20	Food and kindred products	0.4	0.7	0.4	(X)	(X)	(X)	(X)	(X)	(X)	0.8	0.7	0.3
21	Tobacco products	0.4	0.7	0.5	(X)	(X)	(X)	(X)	(X)	(X)	0.0	0.1	0.1
22	Textile mill products	0.0	1.8	1.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1.3	0.7	0.9
26	Paper and allied products	1.9	0.8	0.6	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.9	0.5	0.3
28	Chemicals and allied product	0.4	1.2	0.9	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.3	0.4
29	Petroleum and coal products	2.2	1.0	1.0	(X)	(X)	(X)	(X)	(X)	(X)	1.7	1.1	0.7
30	Rubber and plastics products	0.4	1.6	0.9	(X)	(X)	(X)	(X)	(X)	(X)	3.2	1.2	0.6
	Capital goods industries:												
	Nondefense	1.1	2.1	0.4	0.1	1.7	0.6	0.2	0.4	0.1	0.7	0.8	0.2
	Defense	1.2	1.2	0.9	8.9	11.9	3.9	0.3	0.7	0.2	1.1	1.1	0.3

(X) Not Applicable (NA) Not available.

Note: The revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences for the durable goods industries are shown in the advance report for the month.

C. Department of Commerce
REAU OF THE CENSUS
shington, D.C. 20233

ficial Business
nalty for Private Use, $300

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE
COM-202

First Class Mail

NOTICE

Effective with the February 1987 Advance Report on Durable Goods to be issued on March 24, and the regular Manufacturers' Shipments, Inventories and Orders (M3) report to be issued on March 31, the following changes in the M3 survey will be implemented:

- Concurrent seasonal adjustment of the M3 data series will begin. Concurrent seasonal adjustment uses all available unadjusted estimates, including the current month, to calculate seasonal factors for generating the seasonally adjusted data series. Several industry categories will no longer be adjusted, due to lack of seasonal variation in the series. For these series, unadjusted data will be included in both the seasonally adjusted and unadjusted aggregates.

- Inventory data will be valued on a current cost (or pre-LIFO) basis. Currently, the inventory data are reported at book value using any generally accepted method of accounting (FIFO, LIFO, etc.).

- The household durable goods series will be eliminated from the advance report and several series will be eliminated from the regular report because they do not meet publication standards.

- Data for 3 months ago will be replaced by data for the current month 1 year ago.

- An annual report including data for 1982-1986 will be issued prior to the February advance report on durable goods. This report will contain revisions to the monthly data to reflect benchmarking to the 1982 Census of Manufactures and 1983-1985 Annual Surveys of Manufactures, corrections to monthly data for reports received too late for inclusion in the monthly publications, and updating of seasonal factors.

Any questions regarding this announcement can be answered by calling (301) 763-2502.

PUBLICATION DATES FOR THE 1987 MONTHLY M3 SURVEY
MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS

Report Covering	Advance Report Release Dates (8:30 a.m. release time)	Regular Report Release Dates (10:00 a.m. release time)
January	Tues., Feb. 24	Wed., Mar. 4
February	Tues., Mar. 24	Tues., Mar. 31
March	Wed., Apr. 22	Thurs., Apr. 30
April	Fri., May 22	Tues., June 2
May	Tues., June 23	Tues., June 30
June	Thurs., Jul. 23	Fri., Jul. 31
July	Tues., Aug. 25	Tues., Sept. 1
August	Wed., Sept. 23	Thurs., Oct. 1
September	Fri., Oct. 23	Mon., Nov. 2
October	Tues., Nov. 24	Thurs., Dec. 3
November	Tues., Dec. 22	Thurs., Dec. 31
December	Tues., Jan. 26, 1988	Wed., Feb. 3, 1988